Procedure to Setup Microsoft SQL Server 7.0

Insert Microsoft SQL server 7.0 CD in the CD Drive
Or
Go to Start → Run and type F:\autorun.exe in (Where F is the CD Drive name)

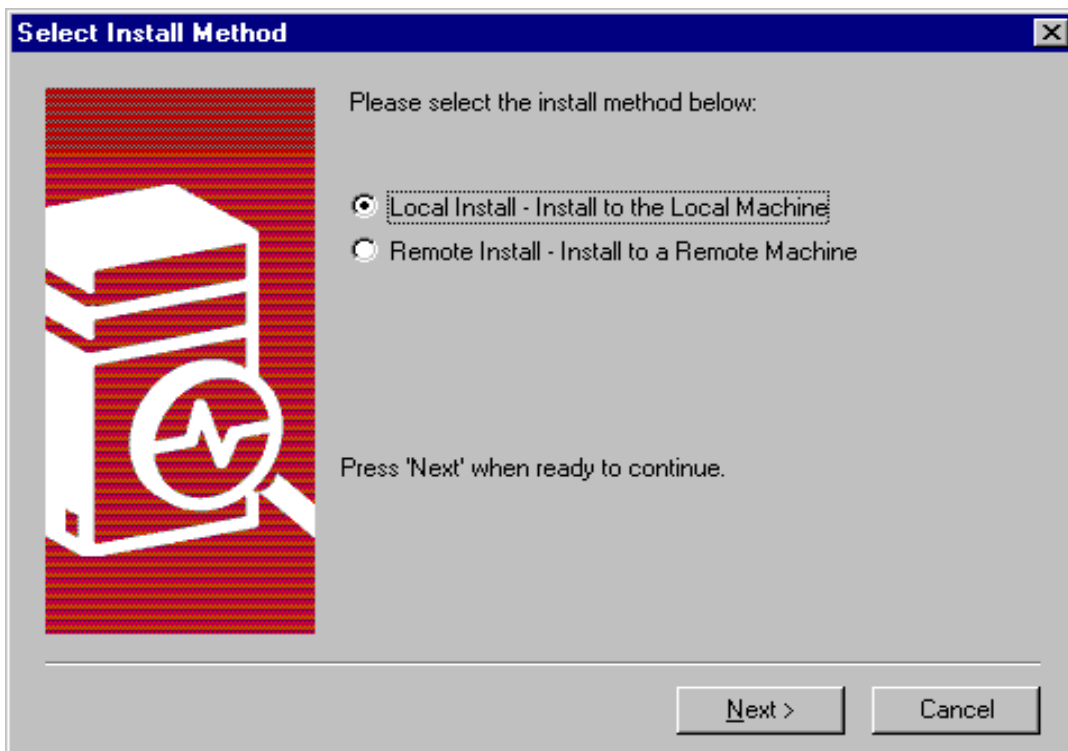It will display a screen as shown below

Click the option "Install SQL Server 7.0 Components" above. This will install all the components of SQL Server 7.0. It will then display a screen as shown below.

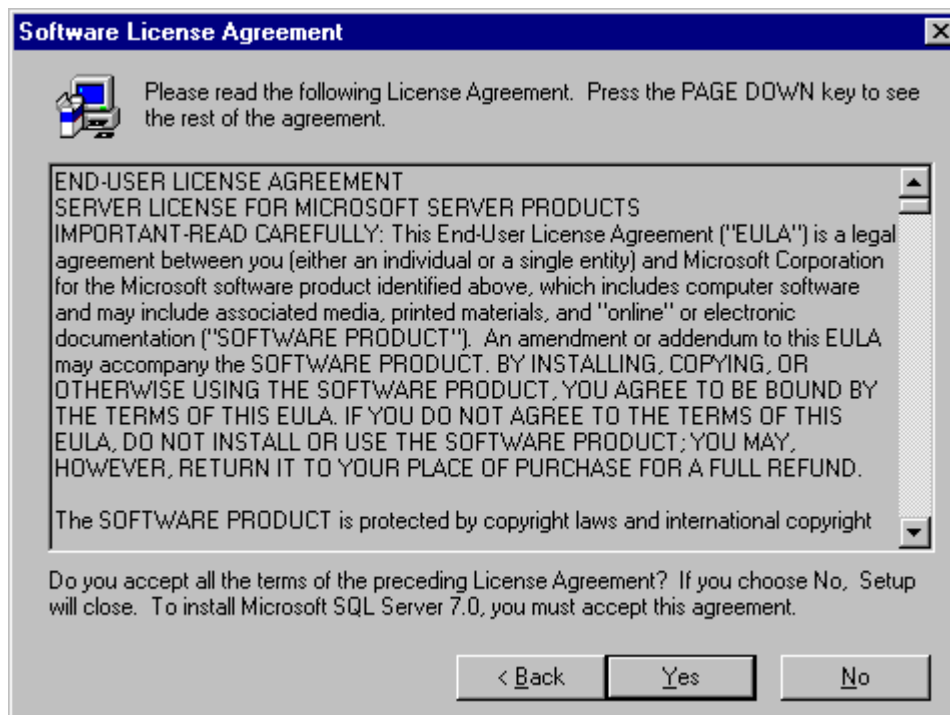Click the option "Database Server – Desktop Edition" to install the Desktop edition of SQL Server
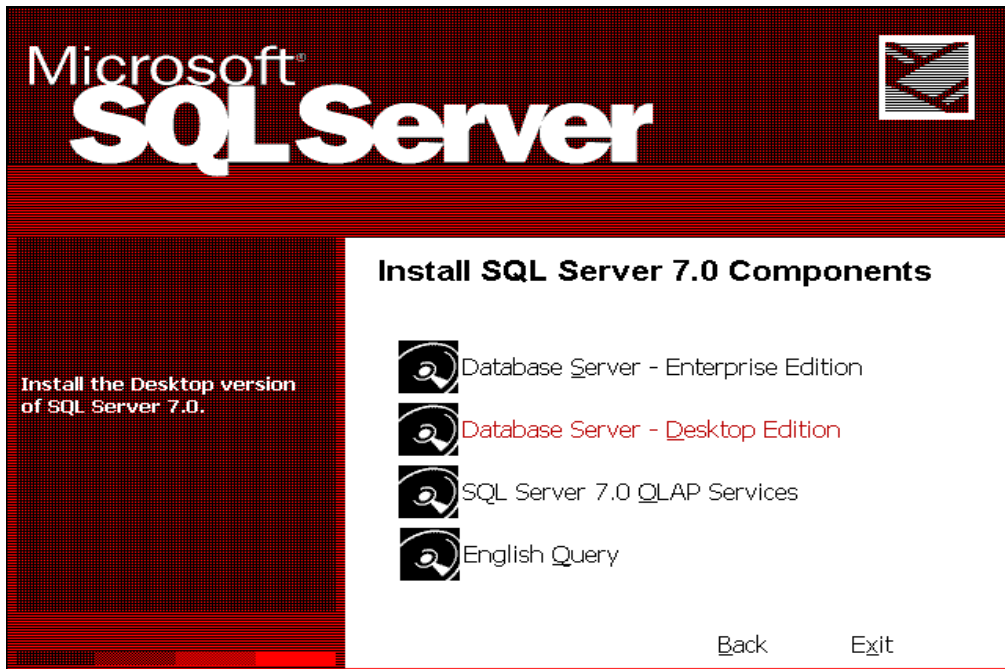
SQL Server will start to install on your machine. Select the installation method "Local Install – Install to the Local Machine" as shown below and click "Next >"
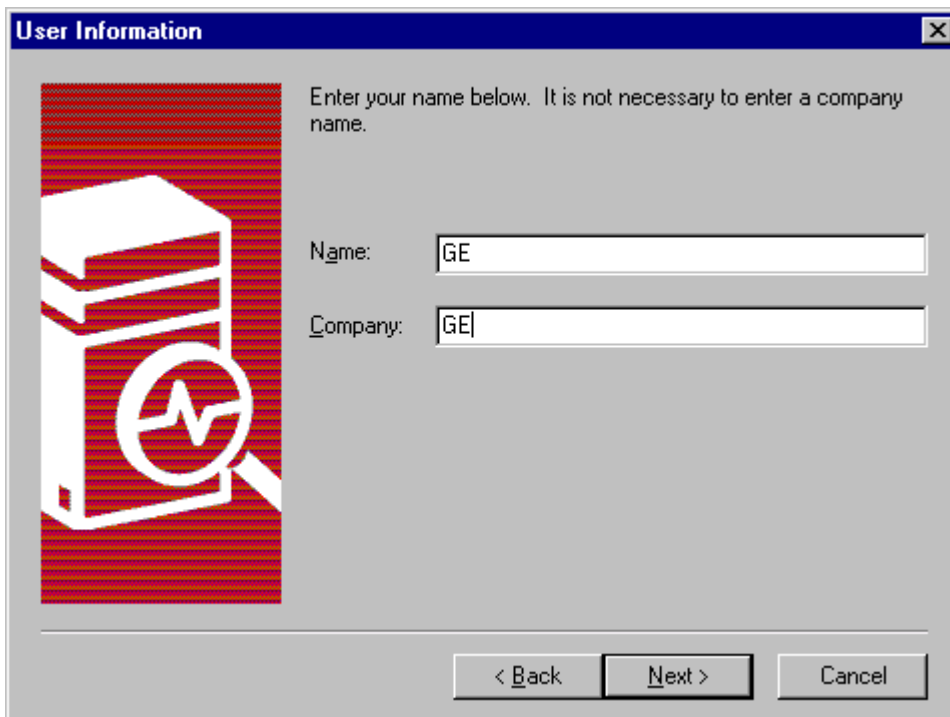
Click "Next>" in the "Welcome" screen to continue installation.

Welcome ⊠

Welcome to the Microsoft SQL Server 7.0 Setup program. This program will install Microsoft SQL Server 7.0 on your computer.

It is strongly recommended that you exit all Windows programs before running this Setup program.

Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.

WARNING: This program is protected by copyright law and international treaties.

Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.

[< Back] [Next >] [Cancel]

Click "Yes" to accept the Software License Agreement in the wizard below.

Software License Agreement ⊠

Please read the following License Agreement. Press the PAGE DOWN key to see the rest of the agreement.

END-USER LICENSE AGREEMENT
SERVER LICENSE FOR MICROSOFT SERVER PRODUCTS
IMPORTANT-READ CAREFULLY: This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation for the Microsoft software product identified above, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation ("SOFTWARE PRODUCT"). An amendment or addendum to this EULA may accompany the SOFTWARE PRODUCT. BY INSTALLING, COPYING, OR OTHERWISE USING THE SOFTWARE PRODUCT, YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA. IF YOU DO NOT AGREE TO THE TERMS OF THIS EULA, DO NOT INSTALL OR USE THE SOFTWARE PRODUCT; YOU MAY, HOWEVER, RETURN IT TO YOUR PLACE OF PURCHASE FOR A FULL REFUND.

The SOFTWARE PRODUCT is protected by copyright laws and international copyright

Do you accept all the terms of the preceding License Agreement? If you choose No, Setup will close. To install Microsoft SQL Server 7.0, you must accept this agreement.

[< Back] [Yes] [No]

Enter the User Information below and click "Next>"

User Information ⊠

Enter your name below. It is not necessary to enter a company name.

Name: GE

Company: GE

< Back   Next >   Cancel

In the screen shown below select Setup type as "Typical", to install the most common options for SQL Server 7.0 to run and click "Next>".
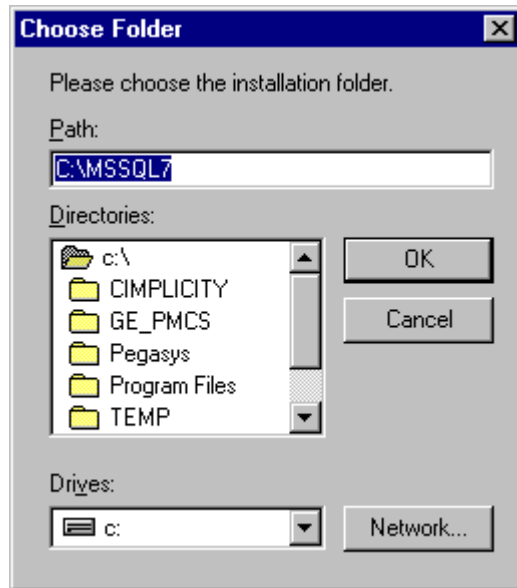Please note that by default, Setup tries to install the software in the destination

Setup Type ⊠

Click the type of Setup you prefer, then click Next.

⦿ Typical   Installed with the most common options. Recommended for most users.

◯ Minimum   Installed with minimum required options.

◯ Custom   You may choose the options you want to install. Recommended for advanced users.

Destination Folder

Program Files   Browse...   C:\MSSQL7

Data Files   Browse...   C:\MSSQL7

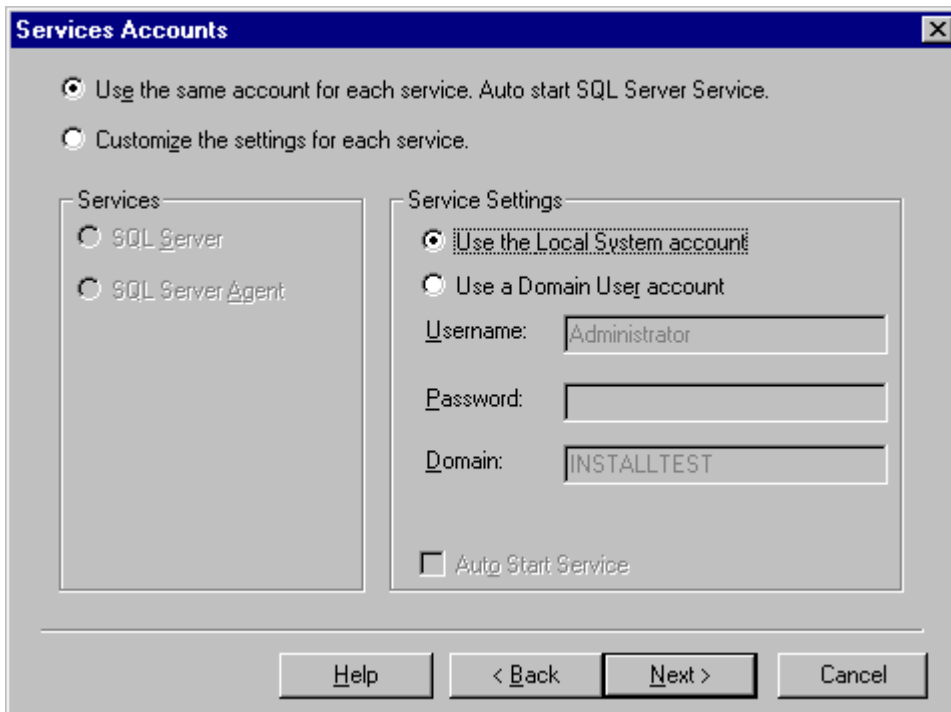|	Required:	Available:
Space on program files drive :	82753 K	1044414 K
Space on system drive:	66855 K	1044414 K
Space on data files drive:	30597 K	1044414 K

Help   < Back   Next >   Cancel

folder C:\MSSQL7. In case you wish to install SQL7.0 in any other drive, specify the desired destination folder name for installing the "Program Files" and "Data Files" by clicking the "Browse" button.
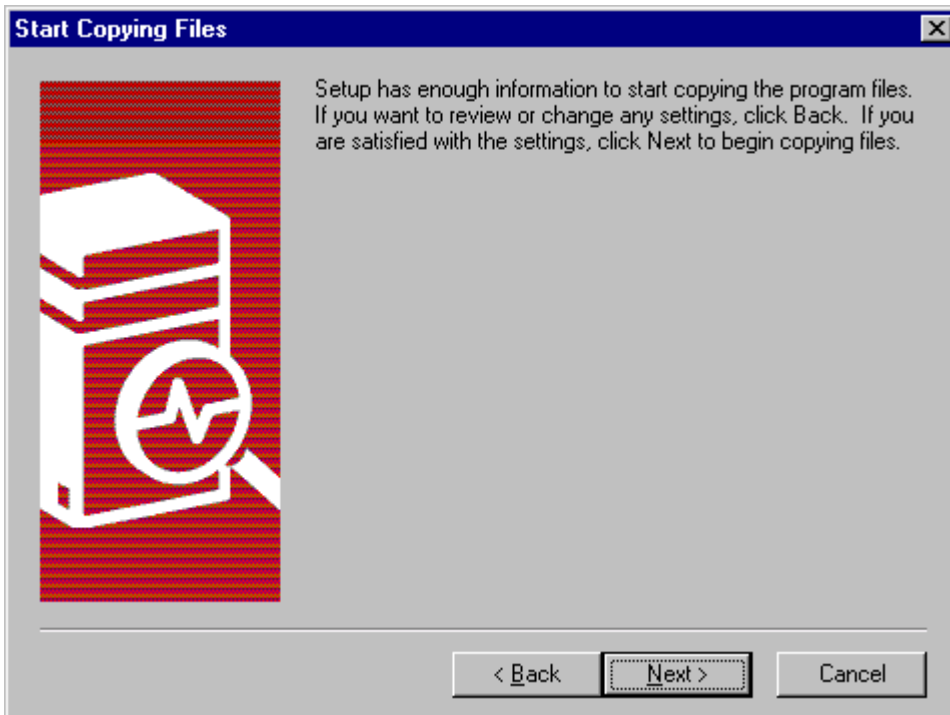This will display a screen as shown below. Now select the desired folder and click OK to continue installation.
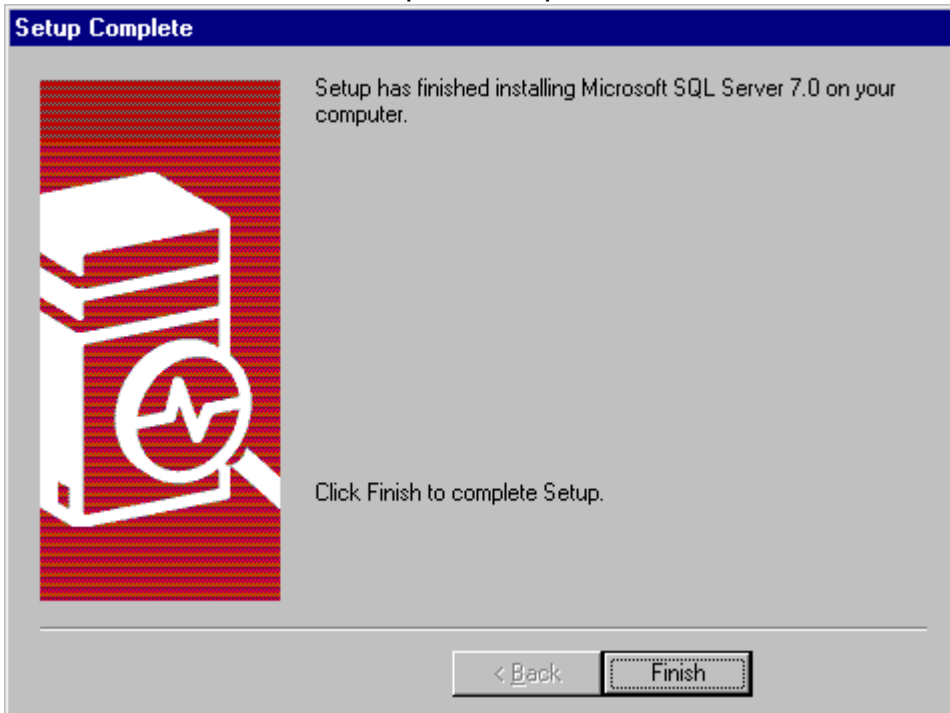
Choose Folder

Please choose the installation folder.

Path:
C:\MSSQL7

Directories:
- c:\
- CIMPLICITY
- GE_PMCS
- Pegasys
- Program Files
- TEMP

OK
Cancel

Drives:
c:
Network...

Click "Next>" in the screen shown below to continue

Services Accounts

○ Use the same account for each service. Auto start SQL Server Service.

○ Customize the settings for each service.

Services
- ○ SQL Server
- ○ SQL Server Agent

Service Settings
- ● Use the Local System account
- ○ Use a Domain User account

Username: Administrator

Password:

Domain: INSTALLTEST

☐ Auto Start Service

Help   < Back   Next >   Cancel

Click "Next>" to start copying the files

Start Copying Files

Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.

[< Back] [Next >] [Cancel]

Click "Finish" below to complete setup.

Setup Complete

Setup has finished installing Microsoft SQL Server 7.0 on your computer.

Click Finish to complete Setup.

[< Back] [Finish]

Restart your computer.

Procedure to install SQL Server 7.0 Service Pack2

1. Insert the CD containing SQL Server Service Pack2 into the CD Drive
    Double click the file: SQL70SP2i.exe
    This file is a self-extracting exe. When double clicked, it will prompt the user
    to specify a folder into which it will copy or extract the files. If the folder name
    does not exist, it will create the folder and extract all the files into that
    directory.
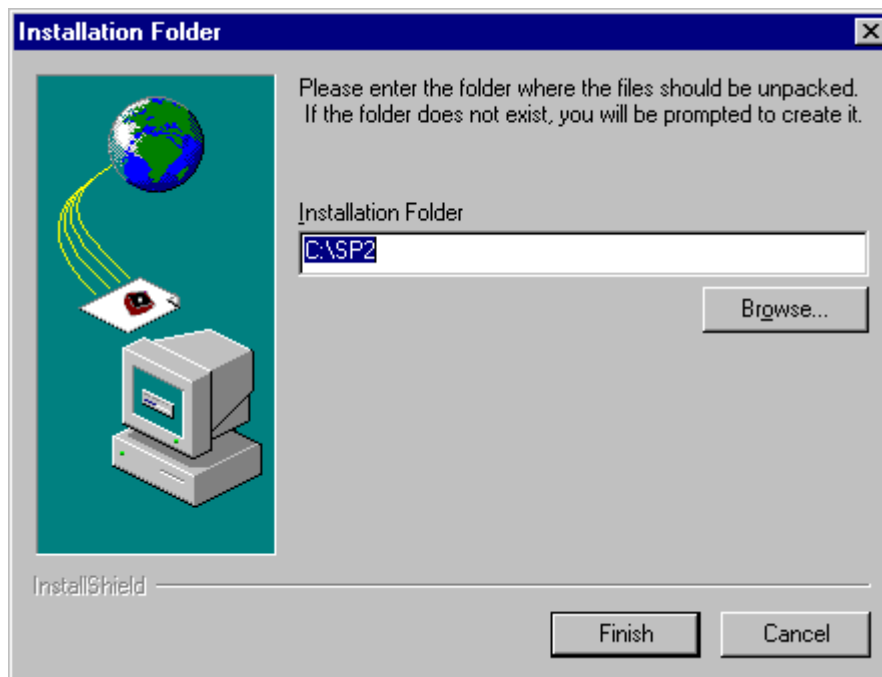
    Click Finish
    It will extract all the files into the folder specified above.

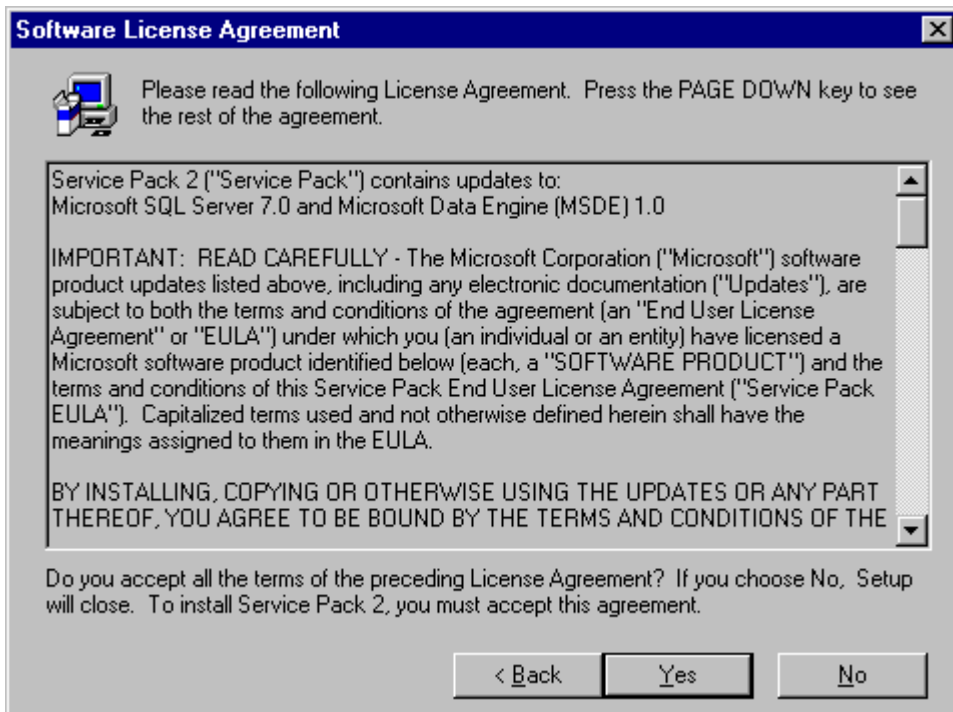   Click OK above to finish installation

2. Again, insert the CD containing SQL Server Service Pack2 into the CD Drive
    Double click the file: SQL70OLAPSP2i.exe

This file is also a self-extracting exe. When double clicked, it will prompt the user to specify a folder into which it will copy or extract the files. Specify the same folder name used to extract the file SQL70SP2i.exe. (For example: **C:\SP2** as shown above). Overwrite all the files when it prompts that there exists same file by clicking "Yes to All".
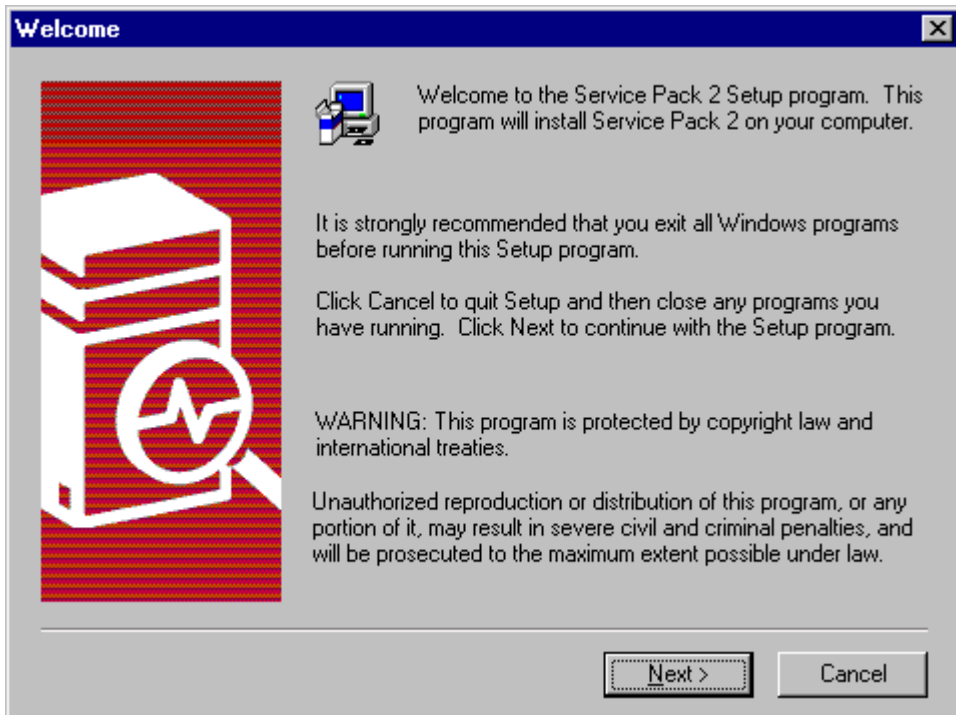
3. Now go to t he folder into which the files have been extracted. (For example C:\SP2) and double click the file **"Setup.bat"**. Setup will start to install the service pack2.
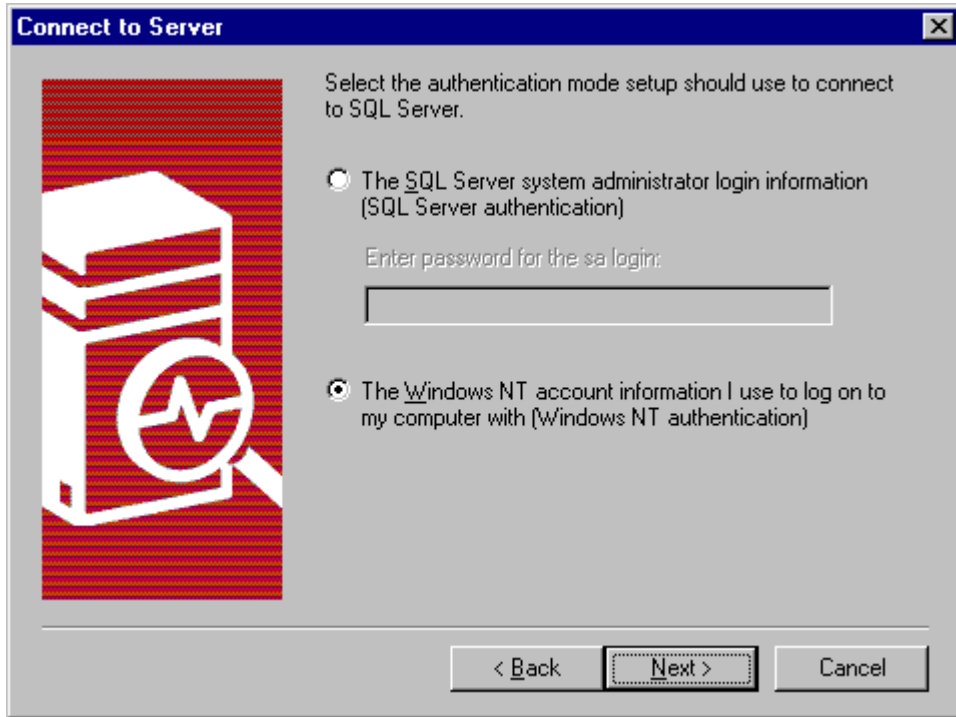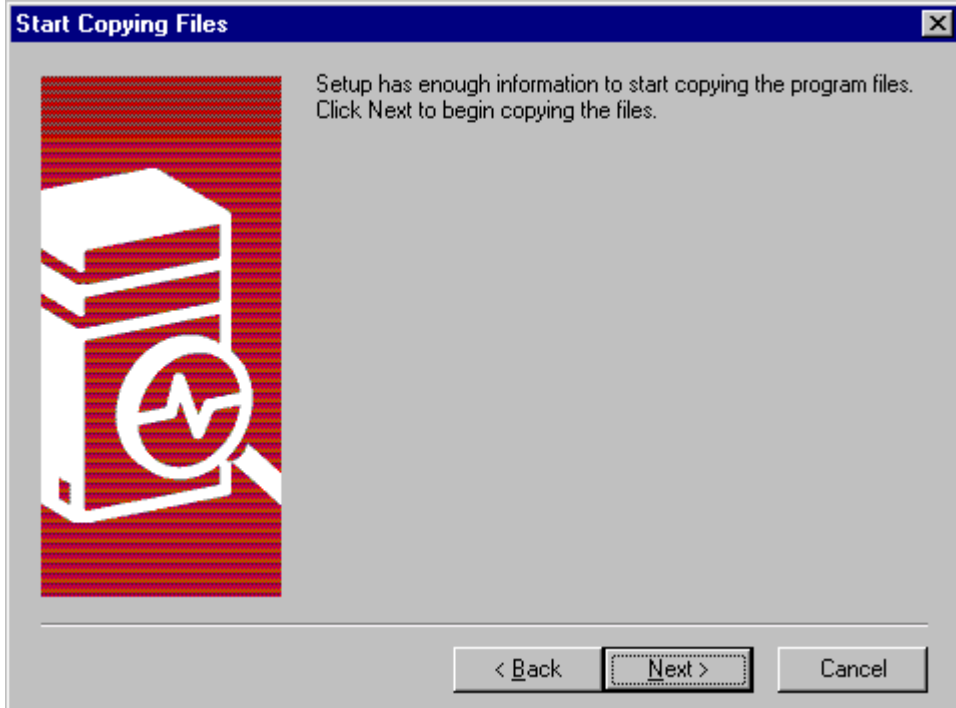

4. Click "Next>" above
5. It will then display the "Software License Agreement" screen. Accept it by clicking "Yes" below

6. Click "Next>" in the Welcome screen below to continue installation

Welcome ☒

Welcome to the Service Pack 2 Setup program. This program will install Service Pack 2 on your computer.

It is strongly recommended that you exit all Windows programs before running this Setup program.

Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.

WARNING: This program is protected by copyright law and international treaties.

Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.

[Next >]   [Cancel]

7. Setup will now start to copy files. Click "Next>" to continue

Start Copying Files ☒

Setup has enough information to start copying the program files. Click Next to begin copying the files.

[< Back]   [Next >]   [Cancel]

8. When "Next>" is clicked above, setup will start applying the SQL Server 7.0 Service Pack2. Installation will display the following screen after it finishes copying the necessary files. Restart the computer to apply the changes.
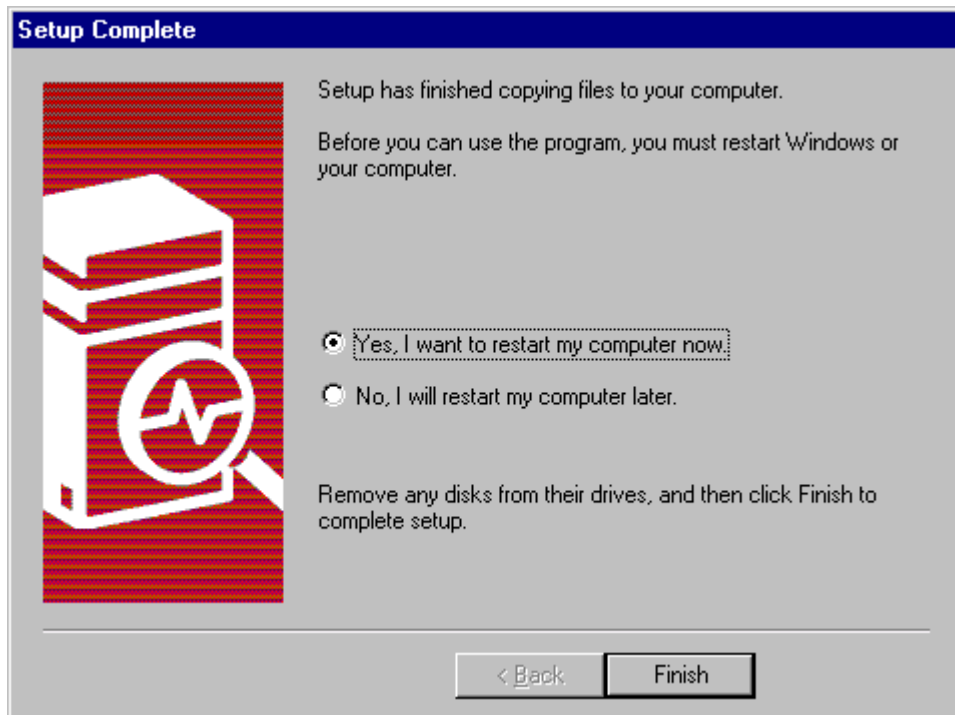
After restarting the computer, you will see a small icon as shown below (in green color) on the Task Bar (to the extreme right), which indicates that the SQL Server

is running on your system.

Make sure that this SQL server service is always running.

On the Task Bar, if you see an icon as shown below (in red color), it indicates that SQL server is not running. This is an error condition and make sure that it is always running.

To start the service, Double Click on the icon

Click the button "Start/Continue" to start SQL server.
Also make sure that the option "Auto –start service when OS starts" is checked.
This will enable the service to start automatically whenever you restart the computer.

Procedure to setup a SQL Database for GE PMCS EventServer

I. Creating a new database for logging events generated by Event Server
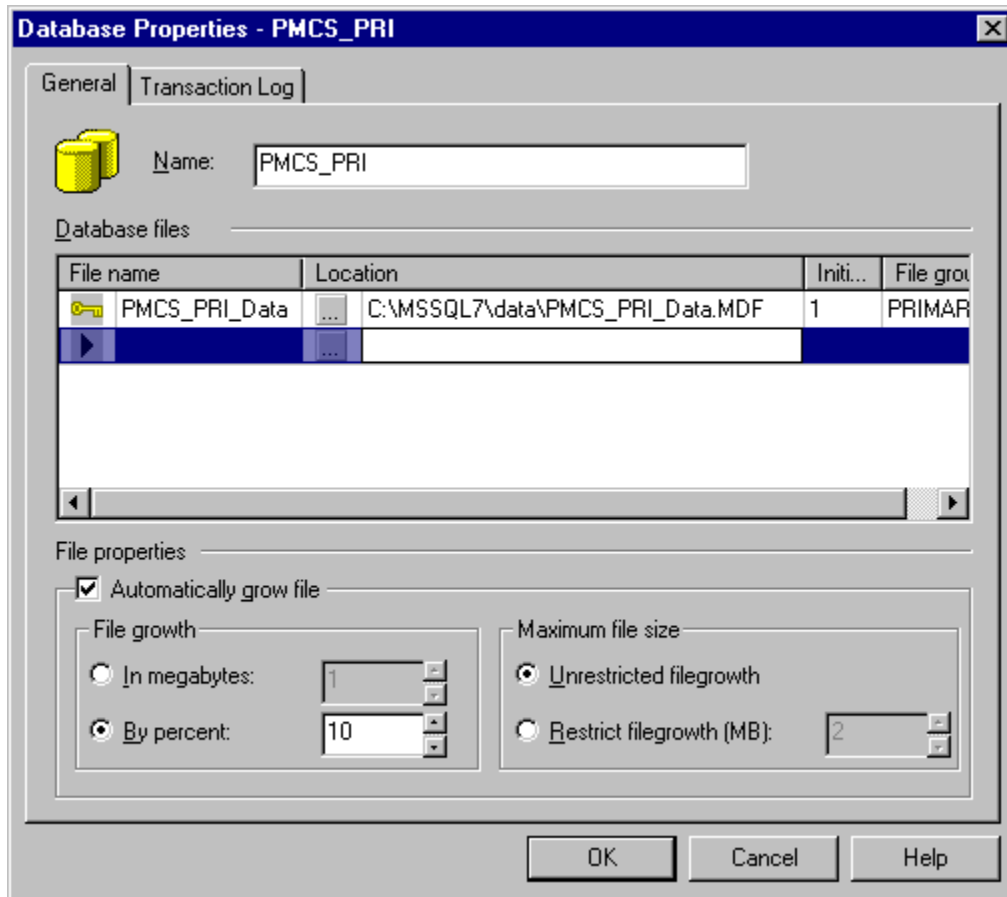
1. Invoke **SQL Server Enterprise Manager** through **Start \ Programs \ Microsoft SQL Server 7.0\ Enterprise Manager**.
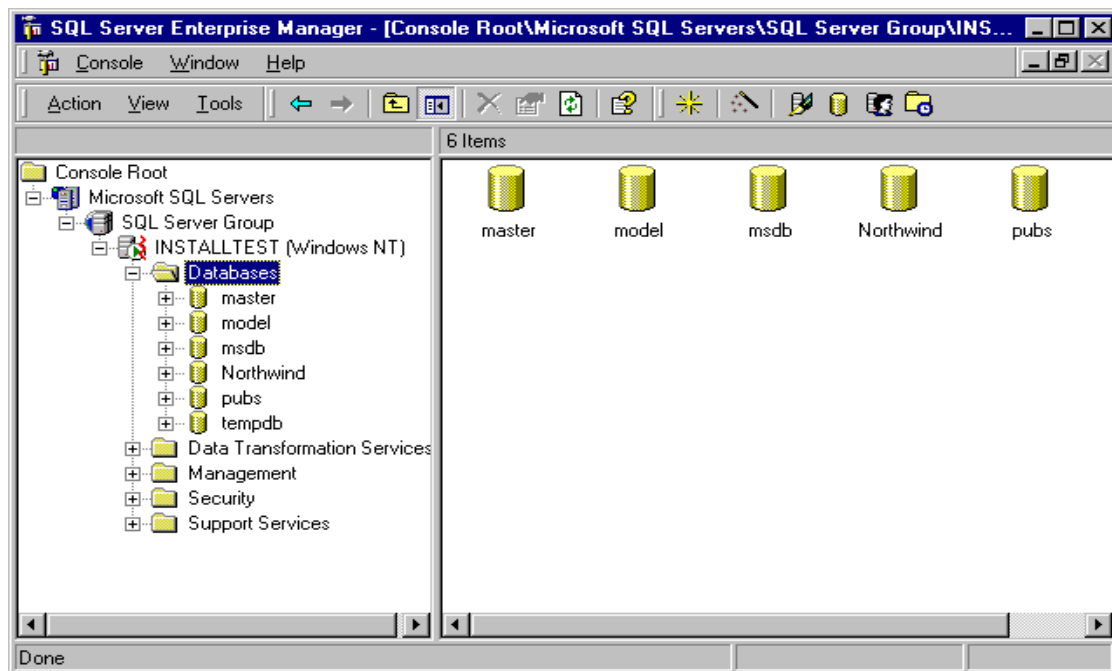
2. Right Click on **Databases** and select **"New Database…"** (or from the menu by selecting **Action → New Database**)
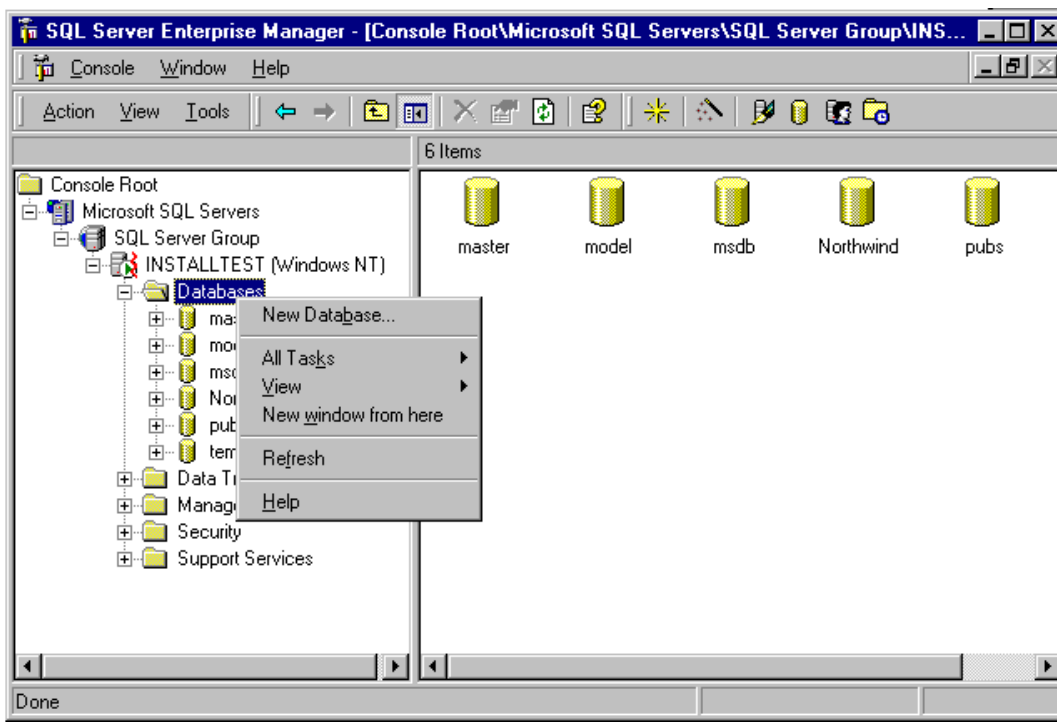
- Specify the following information as shown below.

- Name of the database you wish to create (For example **PMCS_PRI**)
- You can change the location of the database by clicking the "…" button and specifying a new location. (Default location is recommended)
- Make sure that the following options are enabled/checked
  "Automatically grow file"
  "Unrestricted file growth"
  "By Percent and give 10"

Click OK to create the new database

Right Click on Database and refresh the database by clicking "Refresh"

Please remember the name of this database. This name has to be specified and set as a default database while configuring the DSN using ODBC as explained later.
For your reference: The name of the database is: _____

3. Expand the database by clicking on the (+) sign.

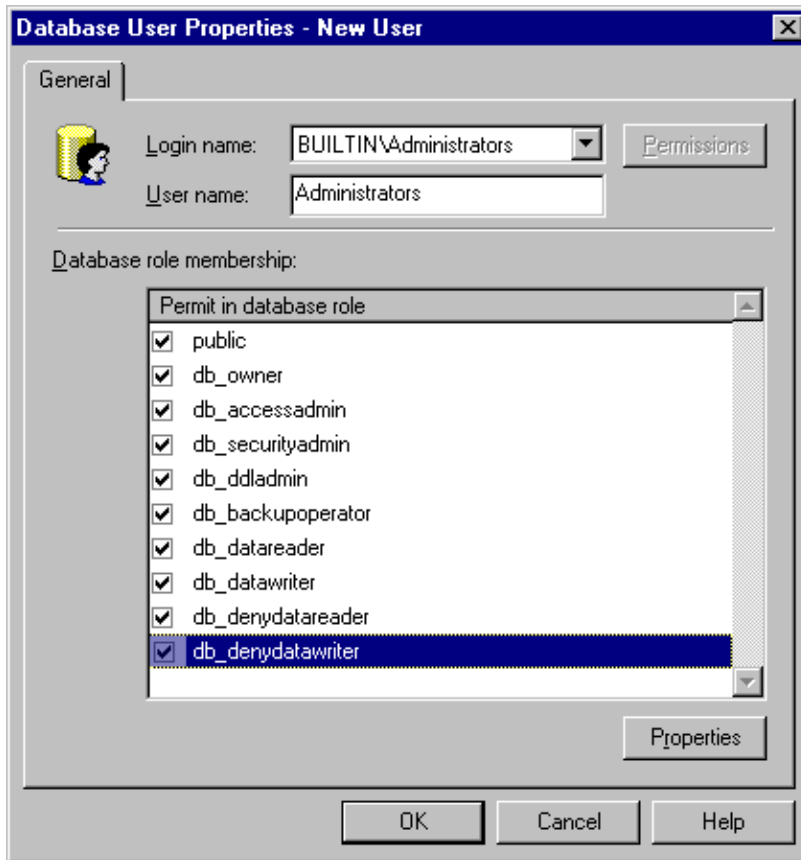- Right click on the menu "Users" and select "New Database Users"
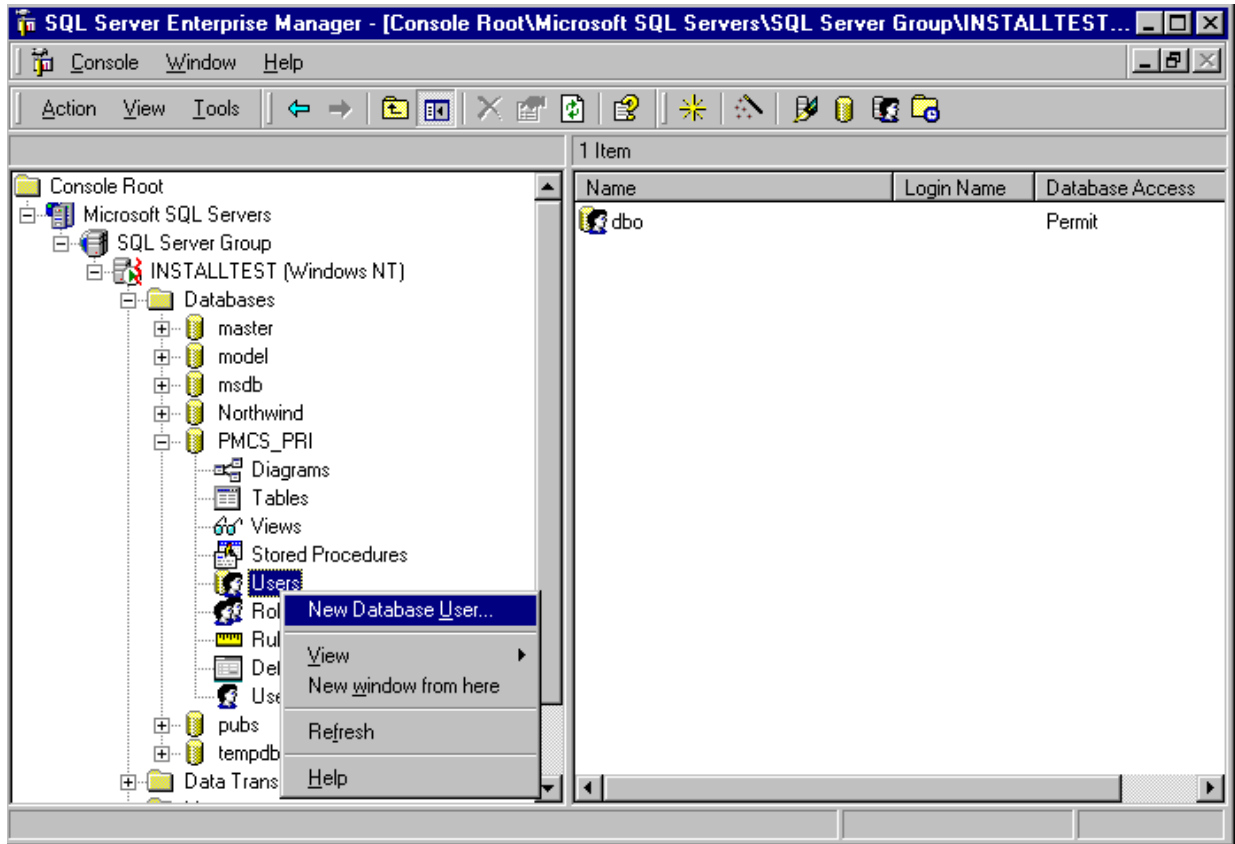
It will display a screen as shown below
Select Login Name as: Builtin \ Administrators
User Name: Administrators
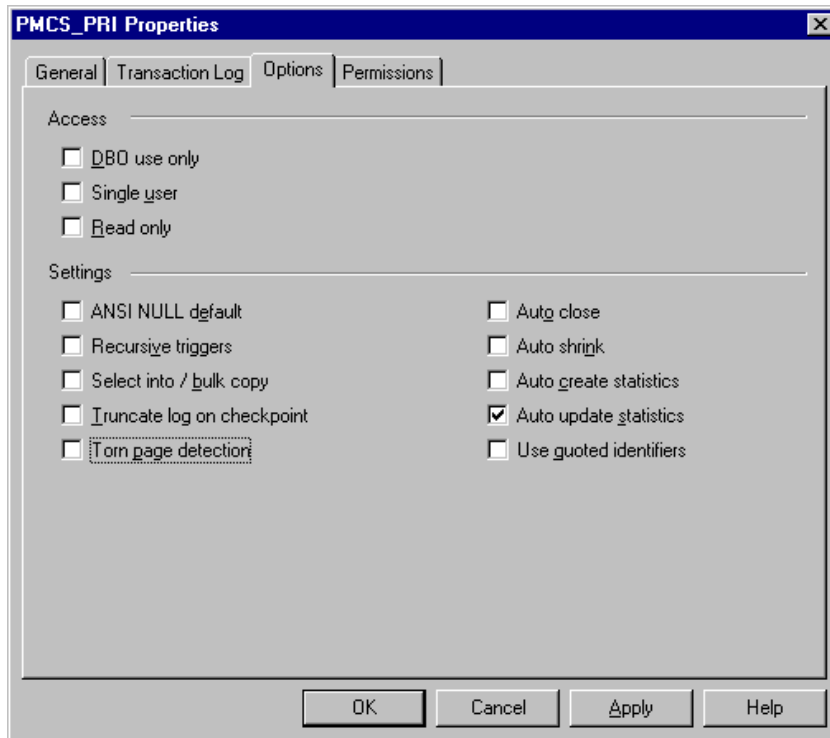Make this User a member of all the Database roles by giving permissions to all operations as shown below.
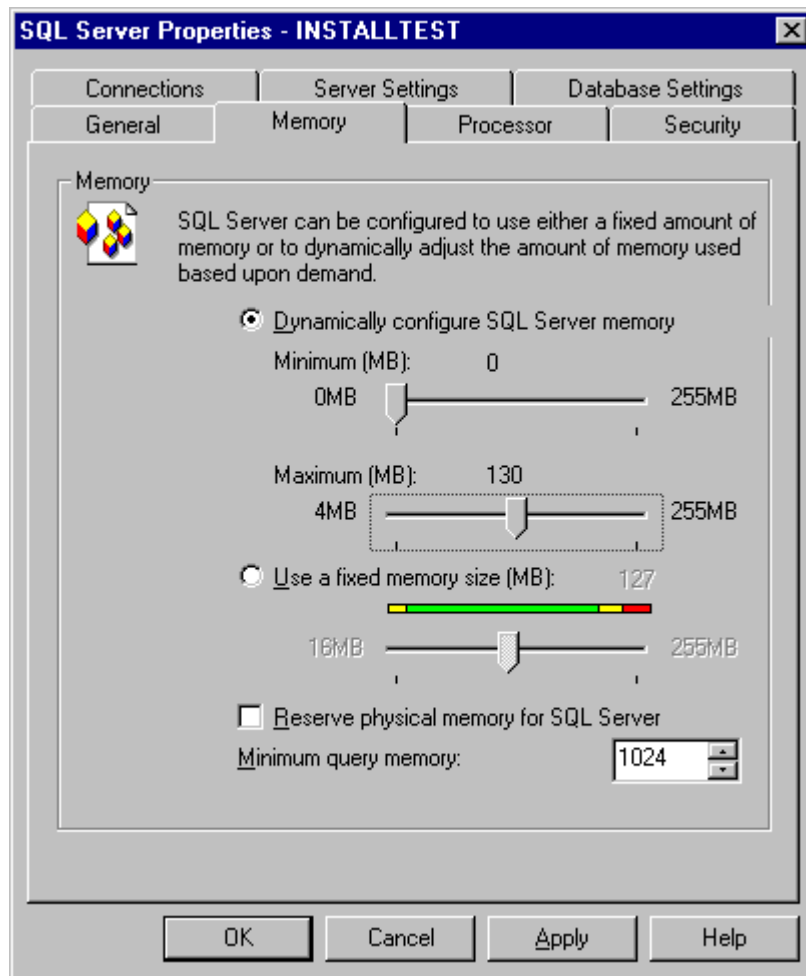
Click **OK**

4. Select the database (example PMCS_PRI) and right click on it.
   Select the option **"Properties"**
   It will display a screen as shown below. Click the "Options" tab and enable
   the following options
   - Auto update statistics

Click **Apply**.

Click **OK**

5. Click on the Server name (For example **: INSTALLTEST (Windows NT)**)
    Select the menu option **Action → Properties** or right click on the Server
    name and select option **Properties**
    Select the "**Memory**" tab

    - Select option **"Dynamically Configure SQL server memory"**
    - Specify **Minimum (MB)** as **0**
    - While specifying the **Maximum** value, make sure that you
      specify about 50% of the maximum value. For example, if the
      maximum size is 255 MB, specify about 50% of this size (128 to
      130 MB) as shown below.
    - Click **Apply**
    - Click **OK** to close the option

6. Close Enterprise Manager.
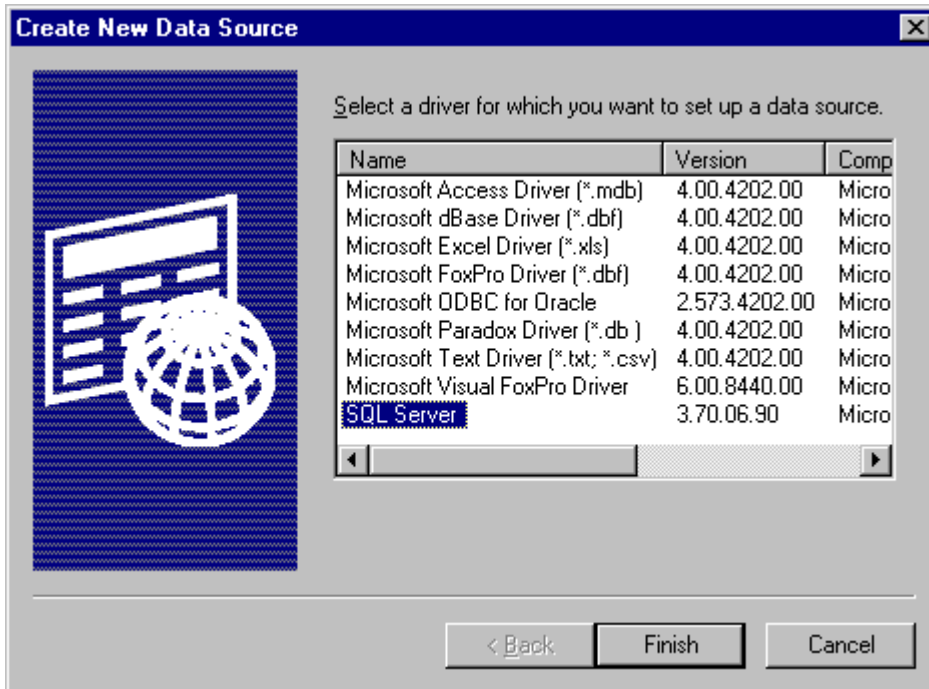
This completes the creation of new database for Event Server.

II. Configuring DSN using ODBC

Go to the Control Panel using **Start → Settings → Control Panel**
Double Click **ODBC Data Source**
Go to System DSN and add a new DSN by clicking "Add"

Select SQL Server driver as shown above and click "Finish"

Specify the following information as shown below
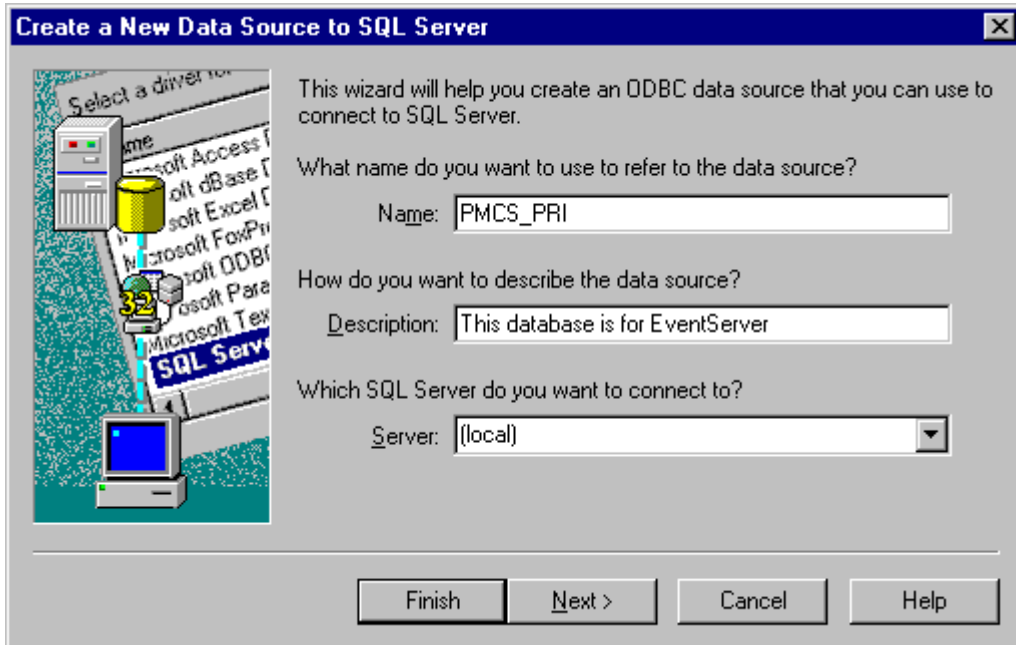
Click "Next>" to continue
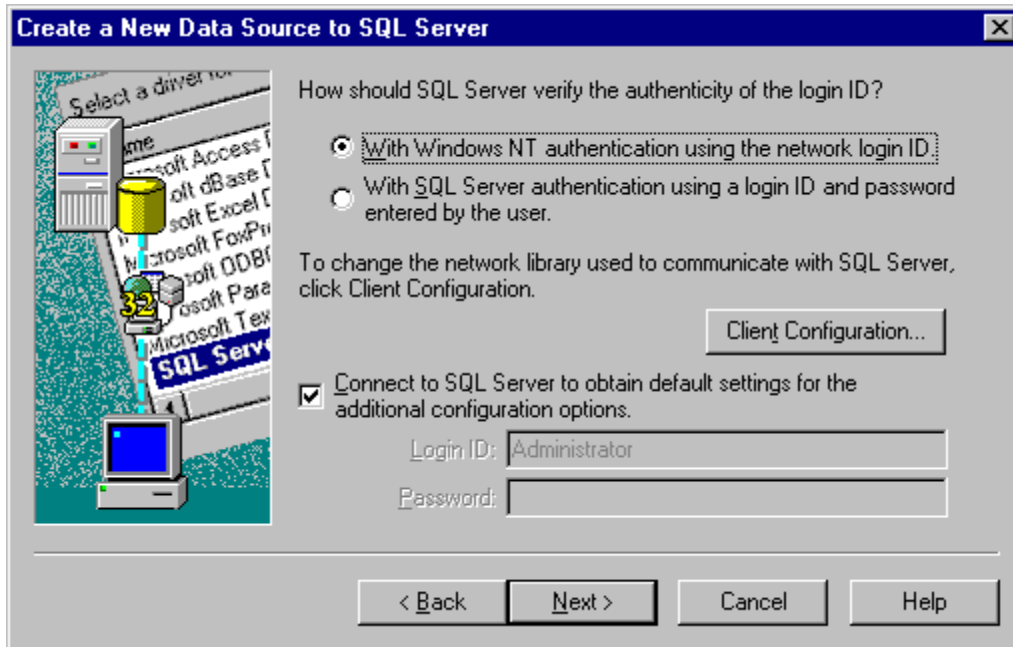
Select "With Windows NT authentication using the network login ID" option for
SQL to verify the authenticity of the logged in user ID.
Click "Next>"

Now it will prompt the user to specify the default database.
Select or type the name of the database we have created earlier
(As explained under the topic: ***I. Creating a new database for logging events generated by Event
Server***)

Click "Next>" to continue
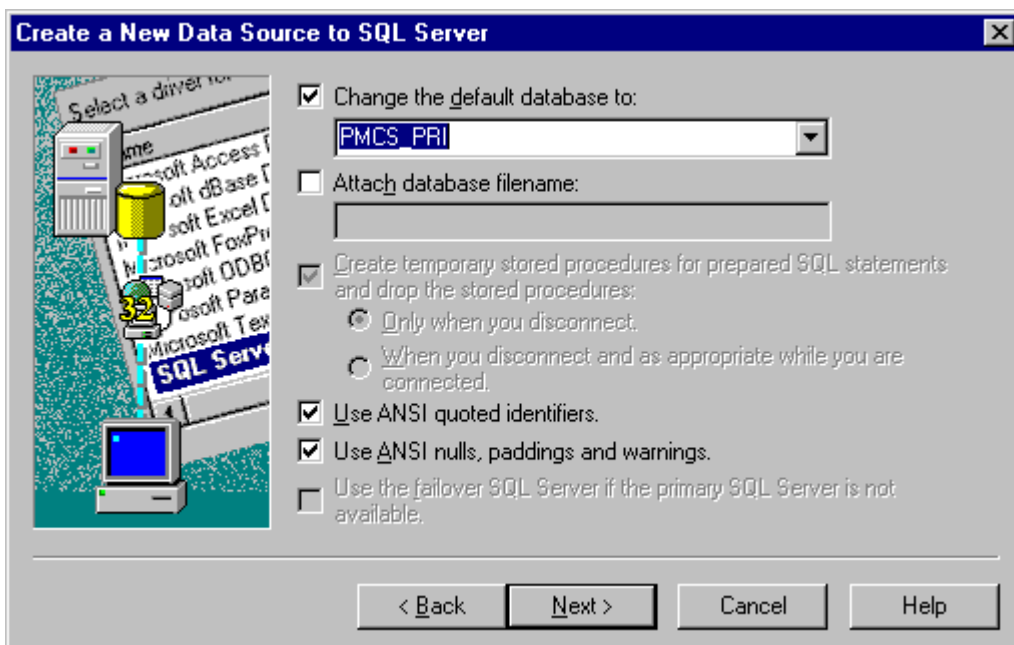
Click "Finish" below.
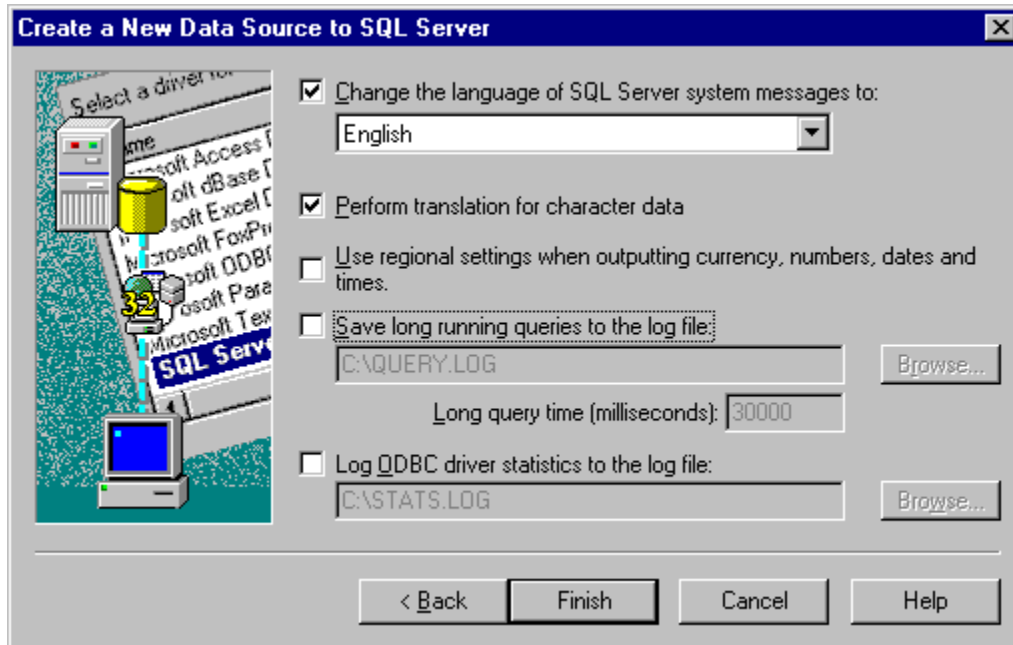
It will then display the following screen:

Click the option "Test Data Source" to check if the connections are established or not.
It should then display the following screen.

Click OK to finish configuring the DSN

```
┌─────────────────────────────────────────────────────────┐
│ SQL Server ODBC Data Source Test                    [×]  │
├─────────────────────────────────────────────────────────┤
│ ┌─ Test Results ────────────────────────────────────┐   │
│ │ ┌──────────────────────────────────────────────┐  │   │
│ │ │ Microsoft SQL Server ODBC Driver Version     │▲ │   │
│ │ │ 03.70.0690                                   │  │   │
│ │ │                                              │  │   │
│ │ │ Running connectivity tests...                │  │   │
│ │ │                                              │  │   │
│ │ │ Attempting connection                        │  │   │
│ │ │ Connection established                        │  │   │
│ │ │ Verifying option settings                     │  │   │
│ │ │ Disconnecting from server                     │  │   │
│ │ │                                              │  │   │
│ │ │ TESTS COMPLETED SUCCESSFULLY!                │  │   │
│ │ │                                              │▼ │   │
│ │ └──────────────────────────────────────────────┘  │   │
│ └───────────────────────────────────────────────────┘   │
│                   ┌──────────┐                           │
│                   │    OK    │                           │
│                   └──────────┘                           │
└─────────────────────────────────────────────────────────┘
```
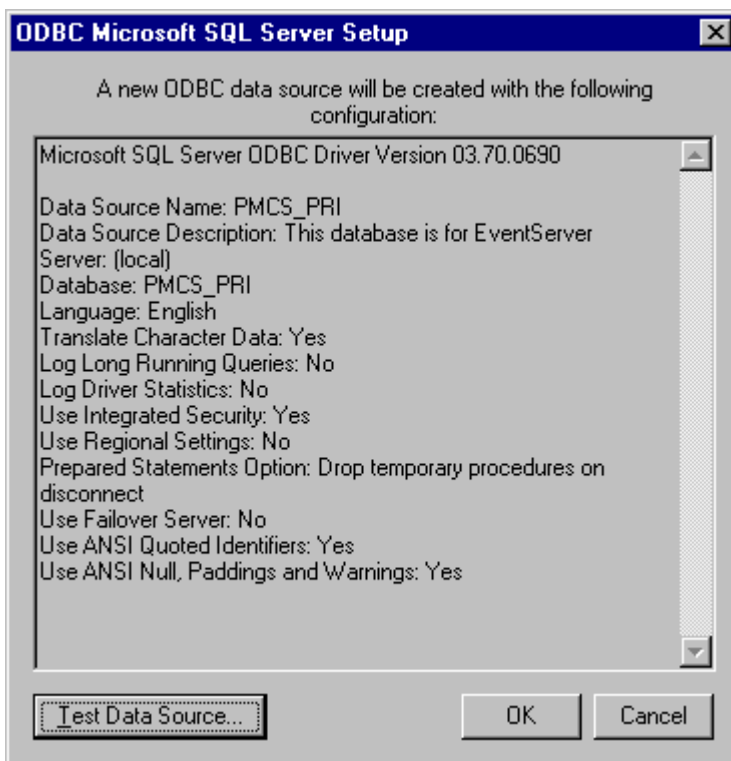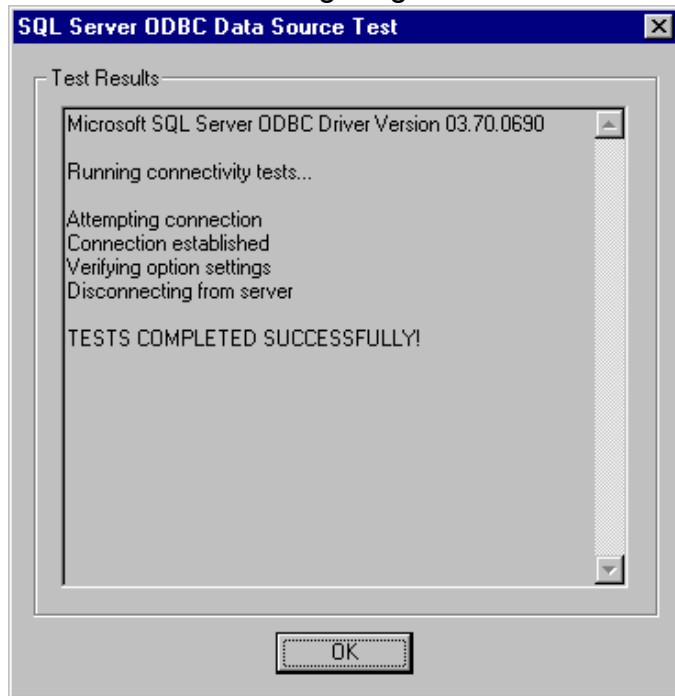
.

III. Populating the Tables in the Event Server Database

1. Run GE PMCS Event Server
2. Select the menu option: **Configure → Redundancy → Host Database**
3. Select radio button "Others"
4. Type the DSN that was created earlier (Example : PMCS_PRI)
5. Specify the login name & password for "Administrator" as shown below.
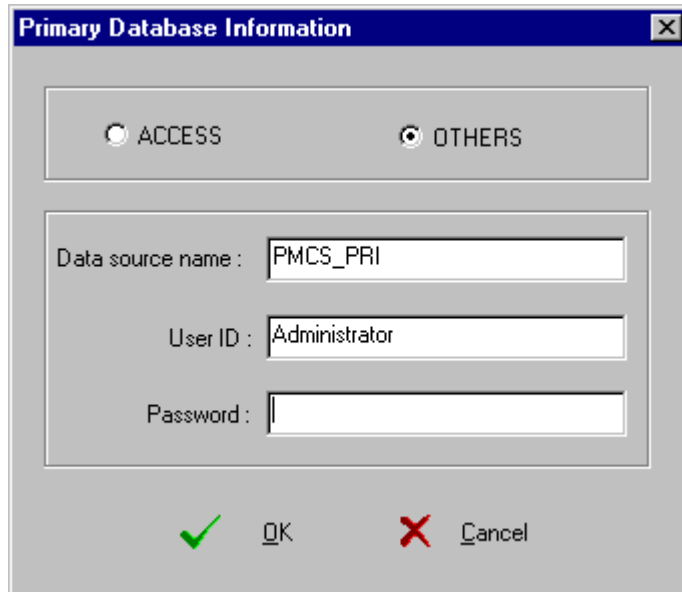
6. Click OK
7. Close Event Server
8. Invoke Windows NT explorer
9. Navigate to the folder C:\GE_PMCS\Eventlog\Database
10. Double click the file "SetupDB.exe"
11. This application will create all the necessary tables in the SQL Database (for example: PMCS_PRI) that are required to run Event Server.
12. Now invoke **SQL Server Enterprise Manager** through **Start \ Programs \ Microsoft SQL Server 7.0\ Enterprise Manager**.

   Select the database (PMCS_PRI)
   Double click on the database name
   Select the option "Users" and double click it
   In the right hand pane, it will list the user names "Administrators" and "dbo"
   Double click on "Administrators"
   It will display a screen as shown below

Database User Properties - Administrators

General

Login name: BUILTIN\Administrators

User name: Administrators

Permissions

Database role membership:

Permit in database role
☑ public
☑ db_owner
☑ db_accessadmin
☑ db_securityadmin
☑ db_ddladmin
☑ db_backupoperator
☑ db_datareader
☑ db_datawriter
☑ db_denydatareader
☑ db_denydatawriter

Properties

OK   Cancel   Apply   Help