

## **EXPERIMENT NO: 2**

### **Problem Statement:**

Install and configure client and server of MySQL.(Show all commands and necessary steps for installation and configuration)

### **Aim:**

To install, configure and connect to MySQL Server and MySQL Workbench in Windows and to Create a Database, backup and restore the Database.

### **Hardware Requirement:**

1. Computer System with Pentium Processor
2. Printer

### **Software Requirement:**

1. MySQL Server 5.1
2. MySQL Workbench 5.2

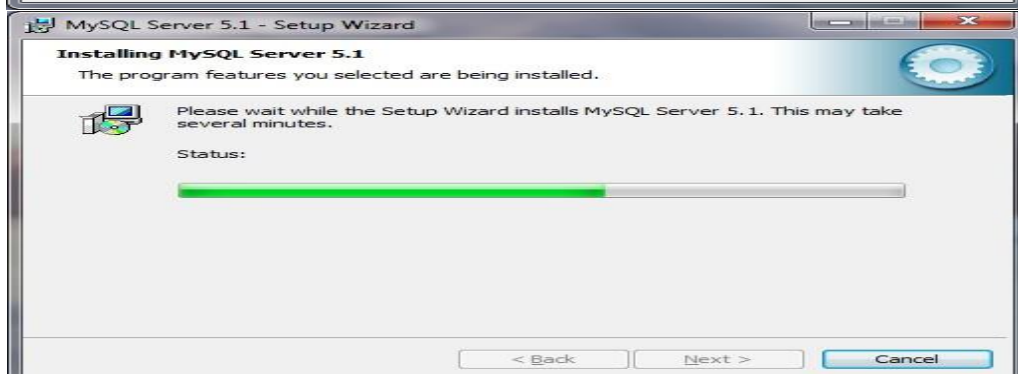
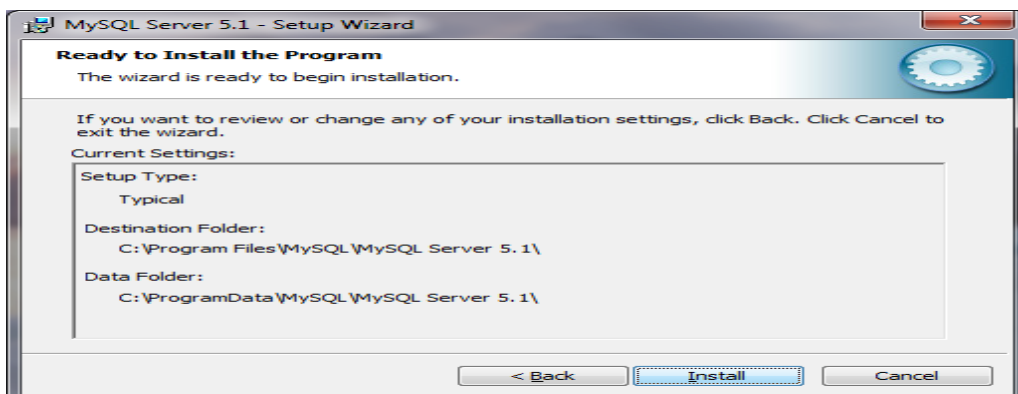
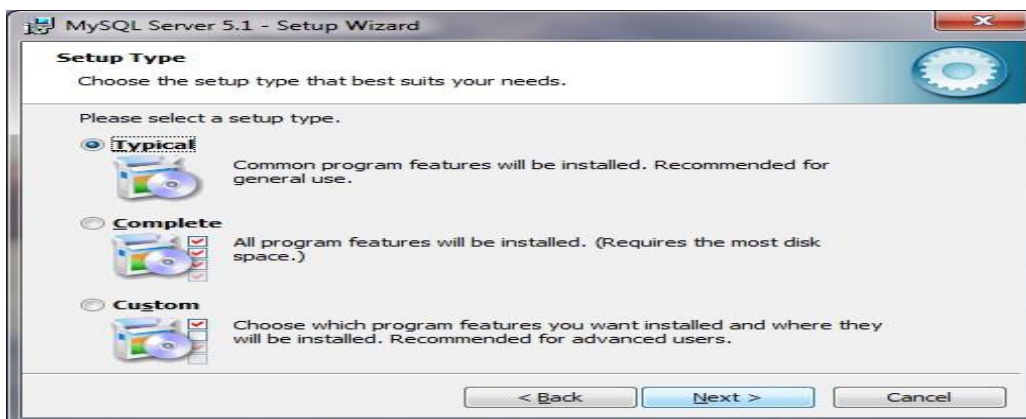
### **Procedure:**

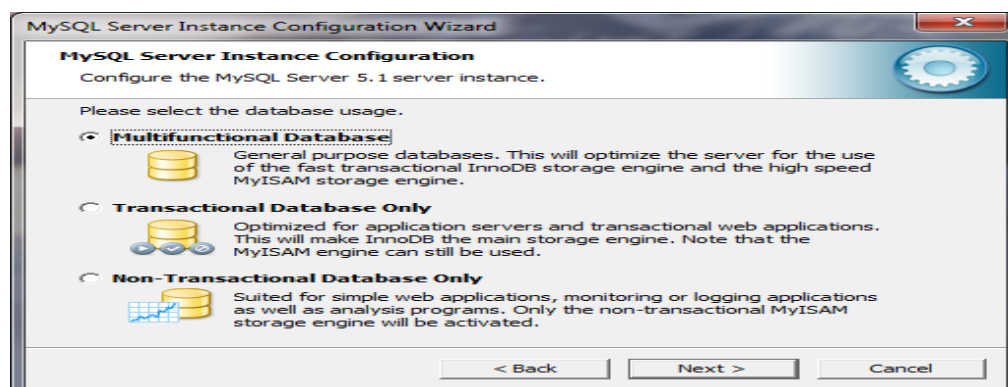
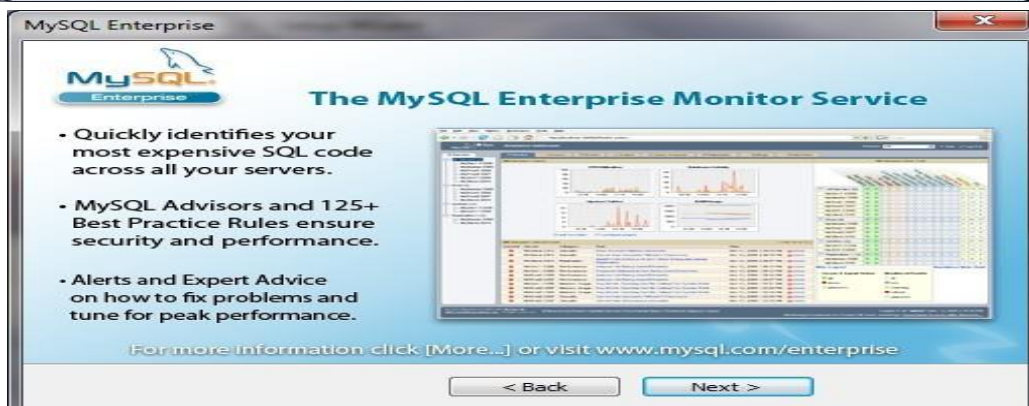
#### **Installation for MySQL Server:**

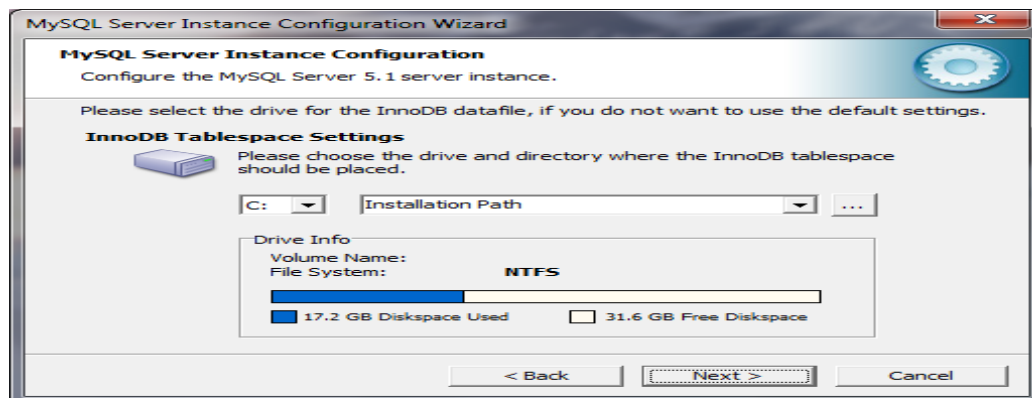
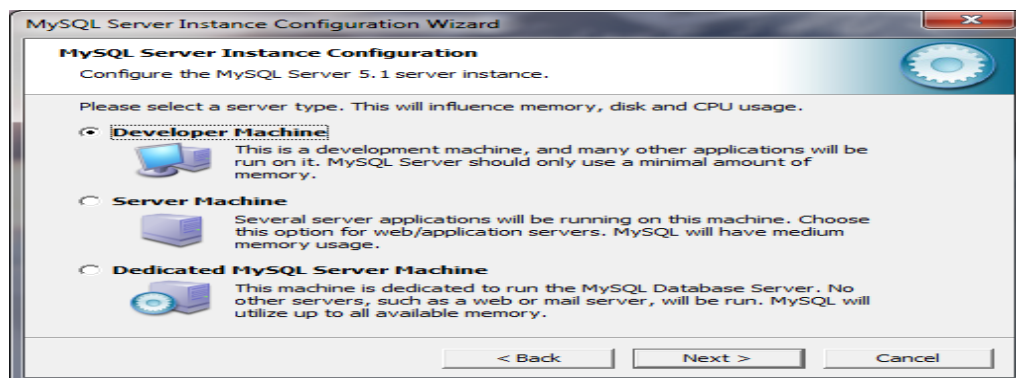
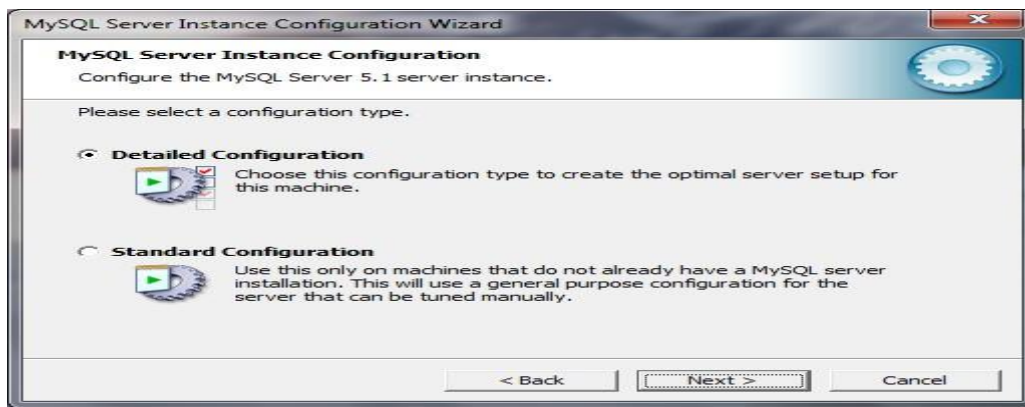
1. Download and **open** installation file for MySQL Server and press “Next” in Setup Wizard.
2. Choose “Typical” setup type and click “Next” and “Install” in option in Setup Wizard for Installation Settings.
3. Click “Next” and “Next” in MySQL Enterprise Server.
4. To Complete the Installation Process, Click Check box in “Configure & Register the MySQL Server Now” options and Click “Finish” Button.
5. In MySQL Server Instance Configuration Wizard click “Next” and Choose “Detailed Configuration” and Click “Next”.
6. Select “Developer Machine” and click “Next” for to select server type.
7. Select “Multifunctional Database” and click “Next” for to select Database usage.
8. Default Drive “C” and Click “Next” in InnoDB Tablespace Settings.
9. Select “Decision Support (DSS)/OLAP” and click “Next” for to set the number of concurrent connections to the server.
10. Check the Options “Enable TCP/IP Networking” and “Enable Strict Mode and Click “Next” to Set the Networking Option.
11. Select “Standard Character Set” and click “Next” to select the default character set.
12. Check the options “Install as Window Service” and “Include Bin Directory in Windows PATH” and Click “Next” to set the Windows options.[ Service Name : MySQL].
13. Give the “Root Password” and Check the option “Enable root access from remote machines” and Do Not Check the option “Create An Anonymous Account” and Click “Next” to set the security options.
14. In Ready to execute window click “Execute” option.
15. In the Last wizard the process checked the “Configuration file Created”, “Windows service MySQL installed”, “Service started successfully”, Security Settings applied” Click “Finish” option to close the wizard.

Output:

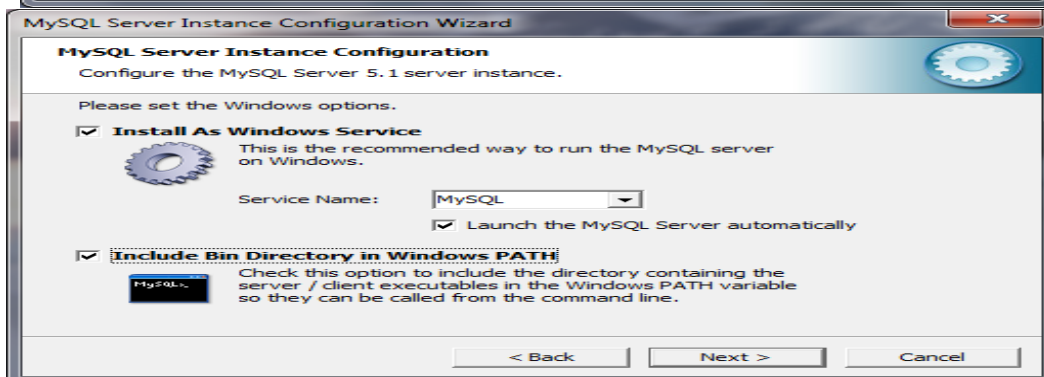
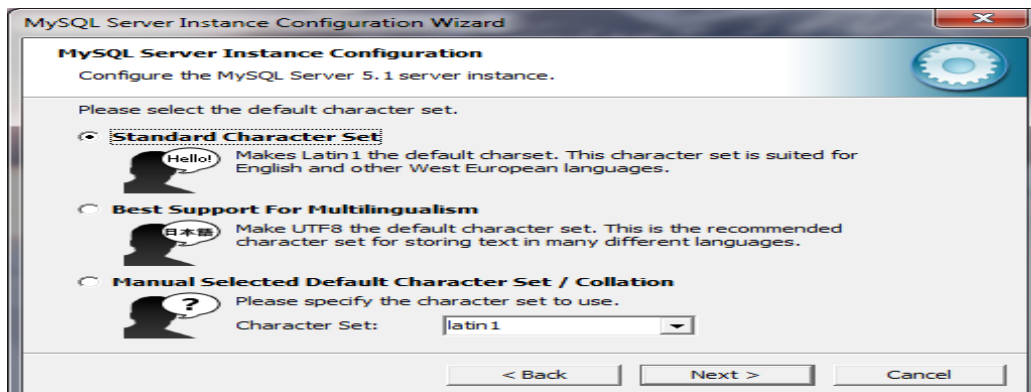
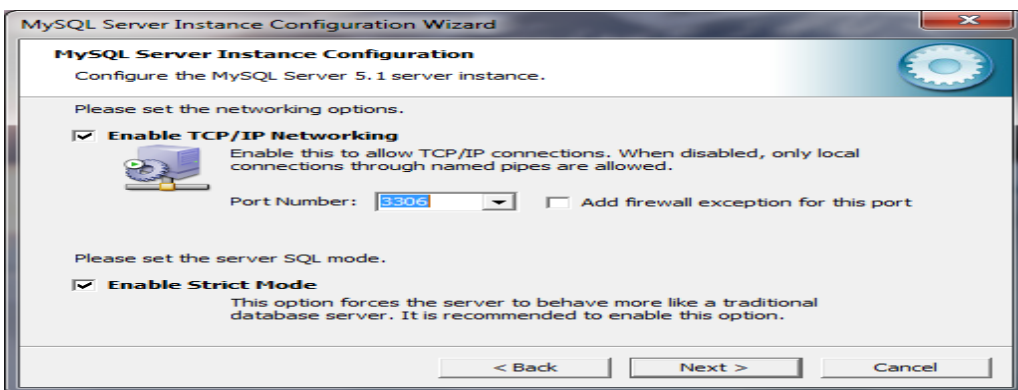
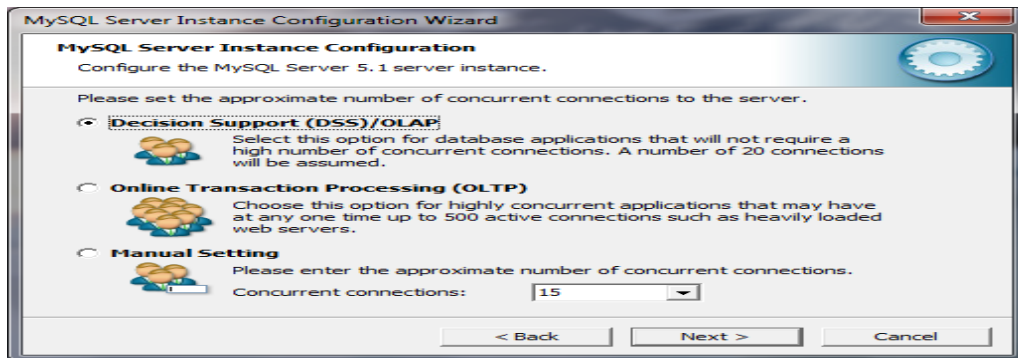
**MySQL Server Installation and Configuration:**

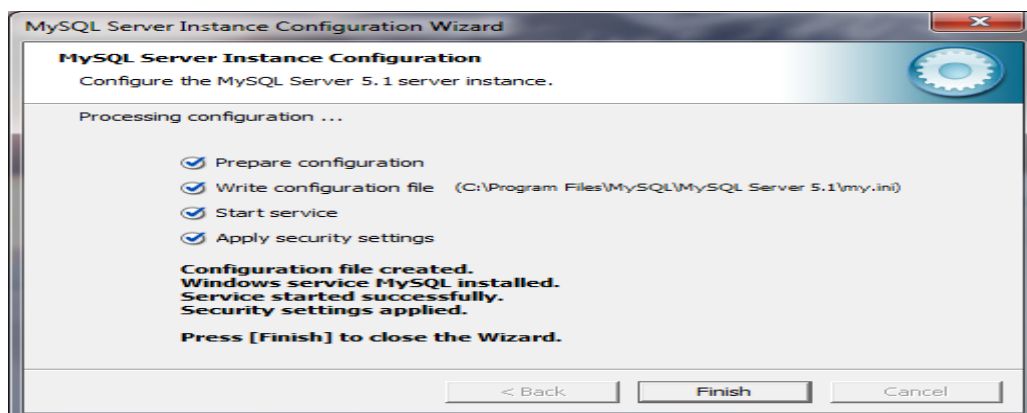
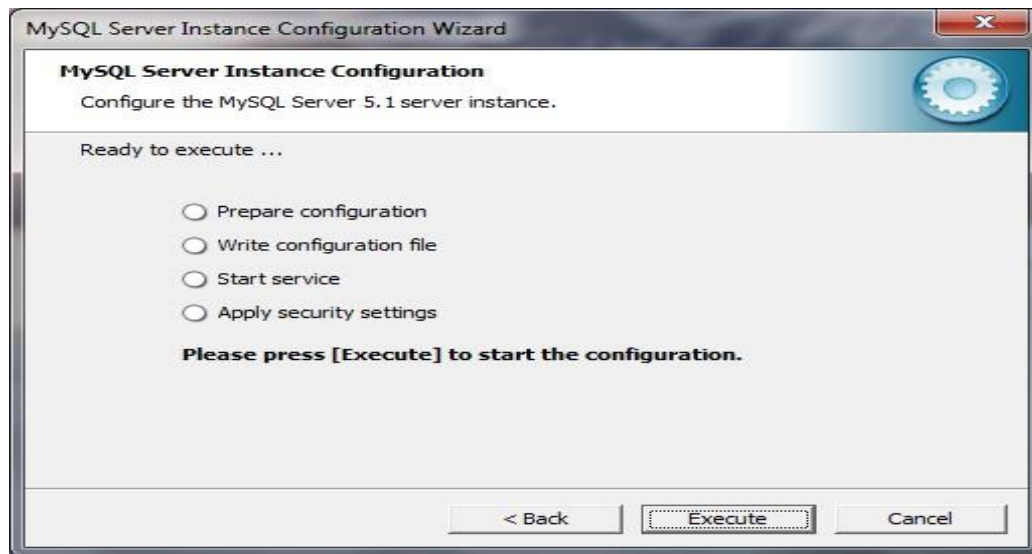
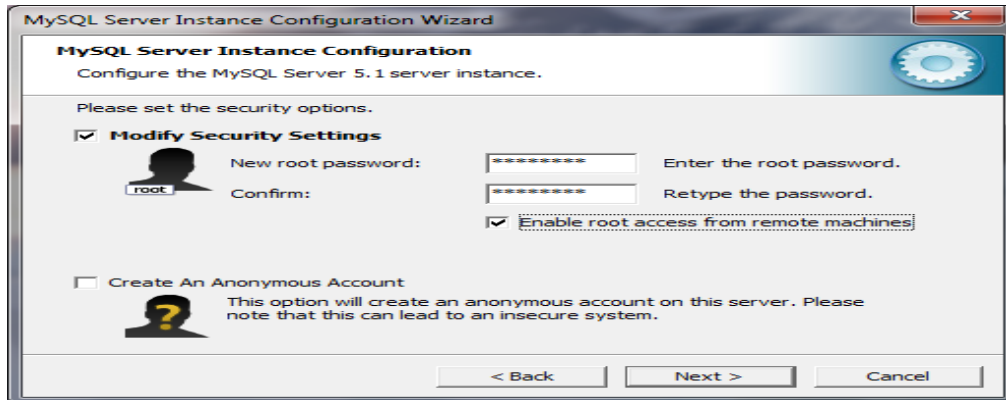






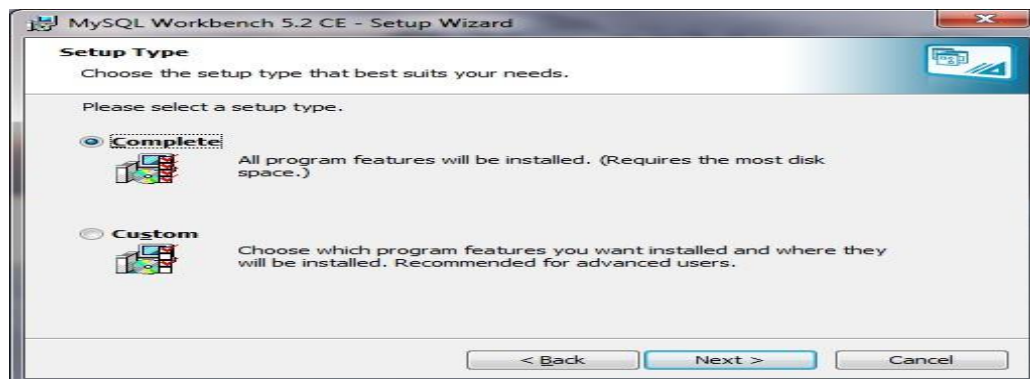
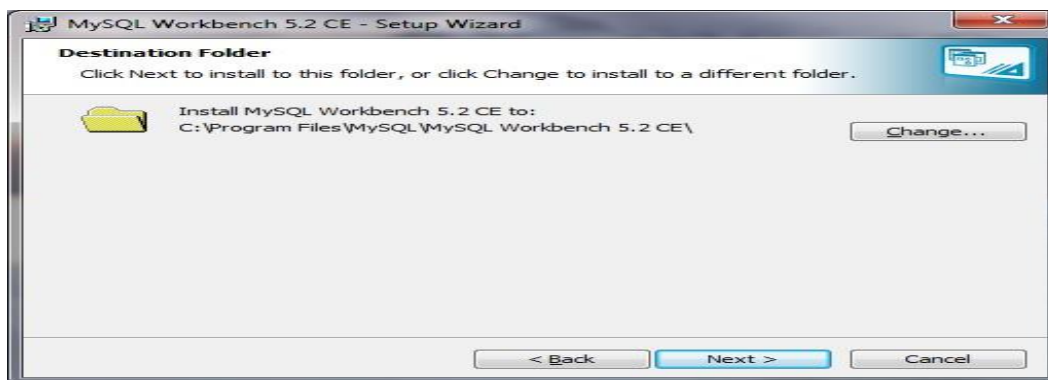


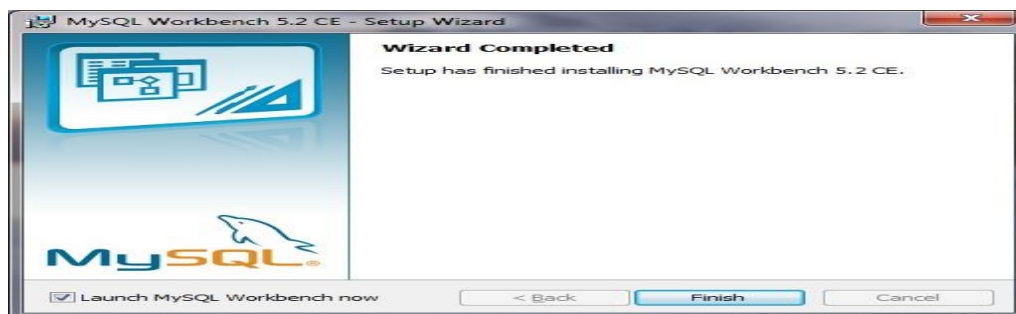
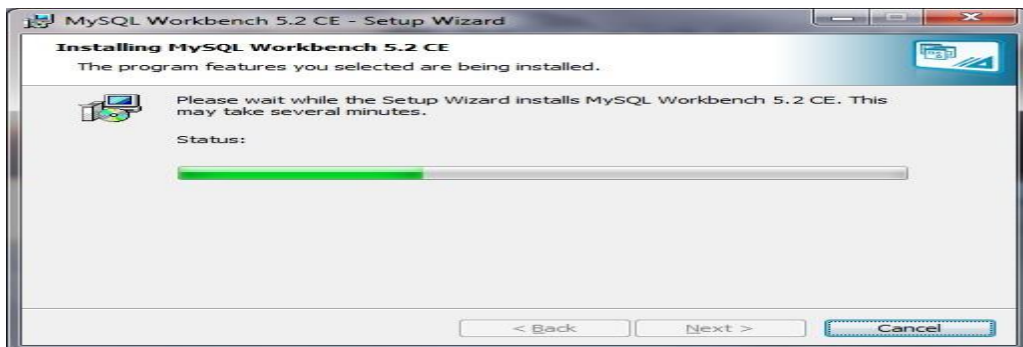
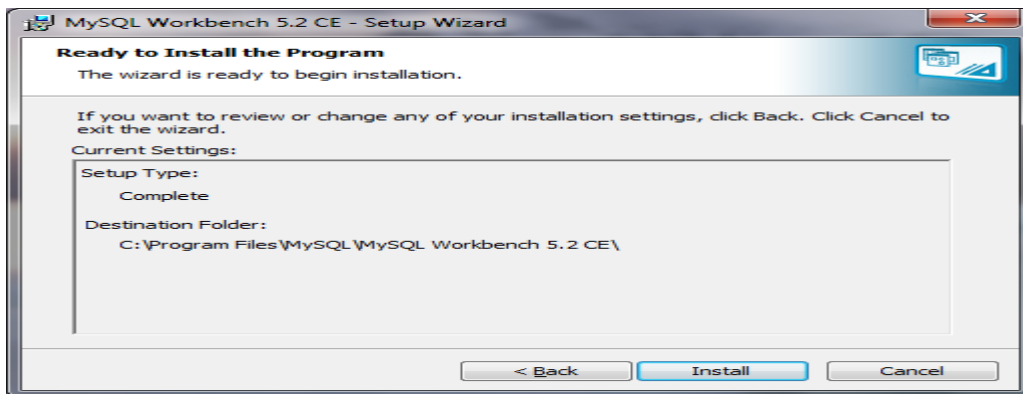




**Installation for MySQL Workbench:**

1. Download and **open** installation file for MySQL Workbench and press “Next” in Setup Wizard and press ‘Next’ in destination folder wizard.
2. Choose ‘Complete’ and click ‘Next’ in Setup Type wizard and click ‘Install’ in Ready to install the Program wizard.
3. After Installation process click ‘Finish’ option.

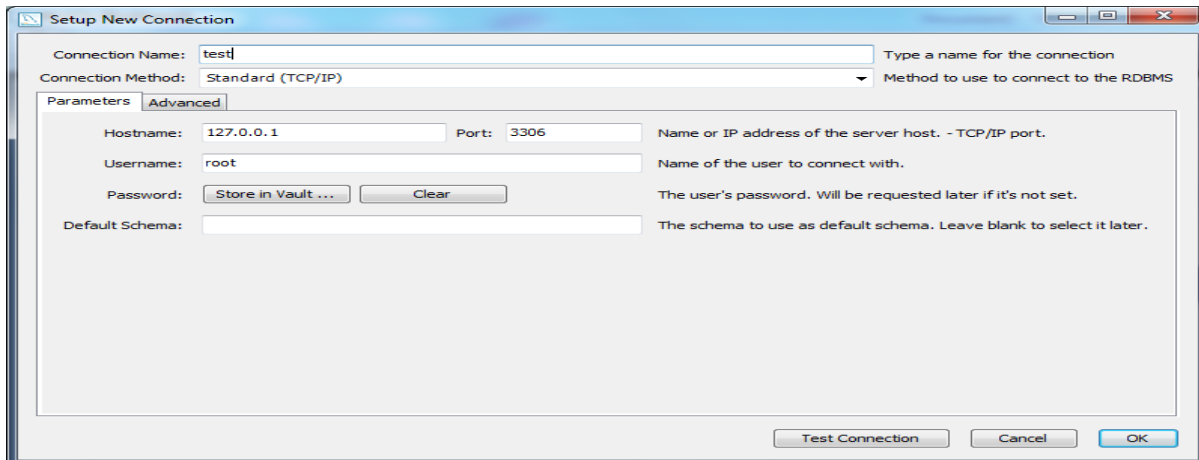
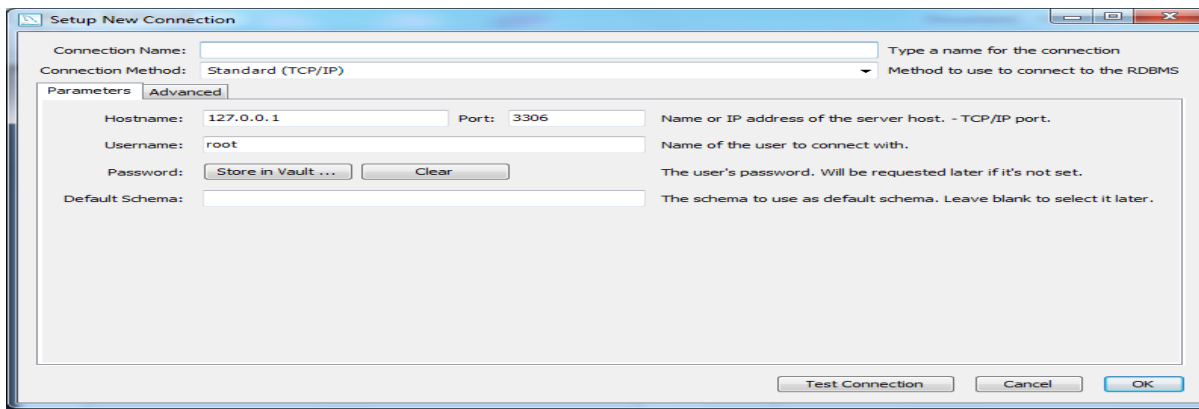
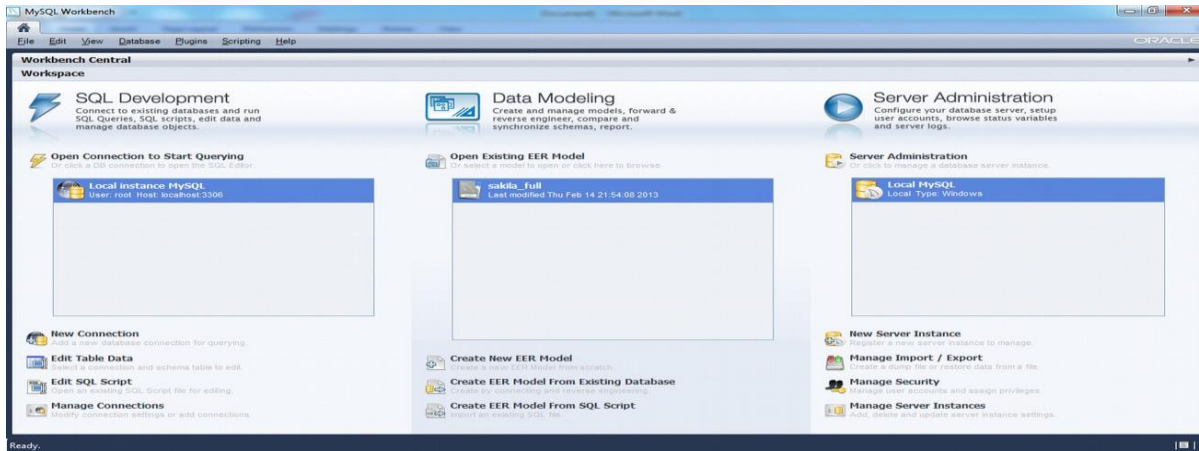


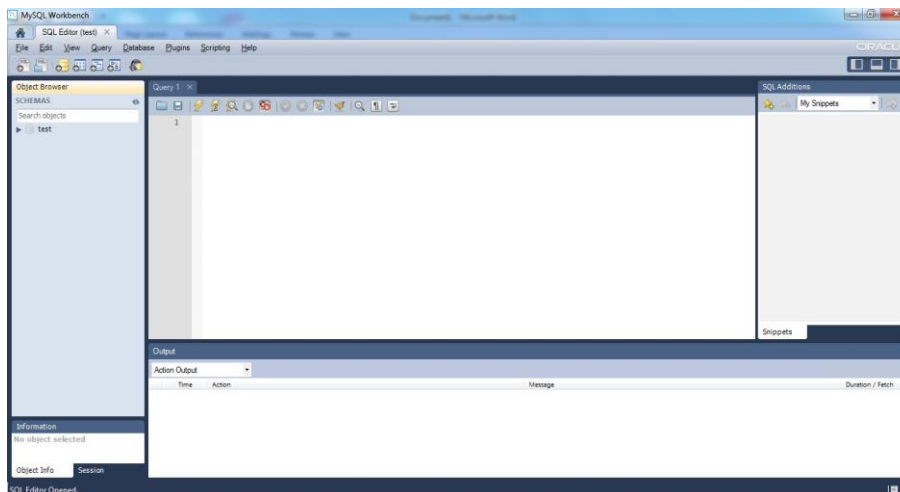
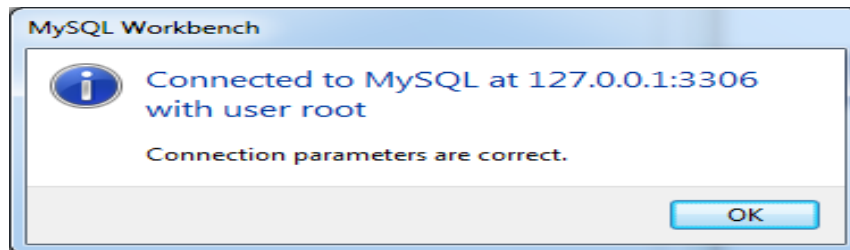


### Creating a Database:

1. Open Mysql Workbench. [ ChooseMysql workbench in Start/All programs/Mysql/].
2. In MySql workbench Home Page Click 'New Connection' towards the bottom left of Mysql Workbench.
3. In the 'Setup New Connection ' wizard type the connection name and click 'Test Connection' option.
4. Now Type your password and click 'Save password in valut' check box and click 'Ok'.
5. Now Mysql Workbench should say 'Connection parameters are correct' and click 'Ok' and again click 'Ok' to accept the Connection settings.
6. Now the Query working environment is opened.
7. In this query window, click Icon to create a database or to type the query and execute to create a database.





**Conclusion:**

Installation of MySQL Server and MySQL Workbench in Windows done successfully.