

Question : 5B

```
package javadb;
import java.io.*;
import java.sql.*;

public class DeleteCol
{
    public static void main(String[] args)
    {
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con=DriverManager.getConnection("jdbc:mysql://localhost/it","root","");
            Statement st = con.createStatement();

            String table = "create table person(personid int, lastname varchar(50), firstname varchar(50),
address varchar(50), city varchar(50))";
            //st.executeUpdate(table);

            String insert = "insert into person values(23, 'MJNV', 'Sai', 'BPM', 'VIJ')";
            //st.executeUpdate(insert);

            String deletacol = "alter table person drop column address";
            st.executeUpdate(deletacol);

        }
        catch(ClassNotFoundException | SQLException e)
        {
            System.out.println("Some Unknown Error Occured : \n" + e);
        }
    }
}
```

```
}  
}
```

Question : 4B

```
E:\Mysql-DBMS\wamp\bin\mysql\mysql5.0.51a\bin\mysql.exe  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 121  
Server version: 5.0.51a-community-nt MySQL Community Edition (GPL)  
  
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.  
  
mysql> use project1  
Database changed  
mysql> desc customer_details;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type          | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| cid   | int(11)       | NO   | PRI | 0        |       |  
| cname | varchar(20)   | YES  |     | NULL     |       |  
| rating | float         | YES  |     | NULL     |       |  
| age   | int(11)       | YES  |     | NULL     |       |  
+-----+-----+-----+-----+-----+-----+  
4 rows in set (0.03 sec)  
  
mysql>
```

```

jdbc;
import java.io.*;
import java.sql.*;
public class SqlJoins
{
    public static void main(String[] args)
    {
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con=DriverManager.getConnection("jdbc:mysql://localhost/project1","root","");
            Statement st = con.createStatement();

            String selfjoin = "select * from customer_details t1, customer_details t2 where t2.rating < 10 and
t1.cid > 10";
            ResultSet rs = st.executeQuery(selfjoin);

            while(rs.next())
            {
                int cid = rs.getInt("cid");
                String cname = rs.getString("cname");
                float rating = rs.getFloat("rating");
                int age = rs.getInt("age");

                int cid1 = rs.getInt("cid");
                String cname1 = rs.getString("cname");
                float rating1 = rs.getFloat("rating");
                int age1 = rs.getInt("age");

                System.out.println(cid + "\t\t" + cname + "\t\t" + rating + "\t\t" + age + cid1 + "\t\t" + cname1
+ "\t\t" + rating1 + "\t\t" + age1);
            }
        }
    }
}

```

```
        catch(Exception e)
        {
            System.out.println("Some Unknown Exception Occered : \n" + e);
        }
    }
}
```

Question 1B

```
package javadb;
import java.io.*;
import java.sql.*;
public class ProductAccess
{
    public static void main(String[] args)
    {
        try
        {
            Class.forName("net.ucanaccess.jdbc.UcanaccessDriver");
            Connection con = DriverManager.getConnection("jdbc:ucanaccess://E:\\venkat
sai\\WebDev_Program\\Products_Database.accdb");
            Statement st = con.createStatement();

            // Select Query
            ResultSet rs = st.executeQuery("select * from Products");
            while(rs.next())
            {

                System.out.println("Serial Number is : " + rs.getInt(2));
                System.out.println("Product Number : " + rs.getInt(3));
            }
        }
    }
}
```

```
        System.out.println("Product Name : " + rs.getString(4));  
        System.out.println("Product price : " + rs.getInt(5));  
        System.out.println("Product Quantity : " + rs.getInt(6));  
        System.out.println();  
    }  
}  
catch(Exception e)  
{  
    System.out.println("An Unknown Error Occured : \n" + e);  
}  
}  
}
```