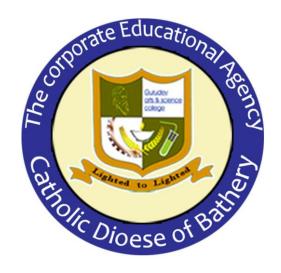
GURUDEV ARTS & SCIENCE COLLEGE MATHIL, PAYYANUR, KANNUR DIST.

(Affiliated to Kannur University)



BACHELOR OF COMPUTER APPLICATION ENTERPRISE JAVA PROGRAMMING PRACTICAL RECORD

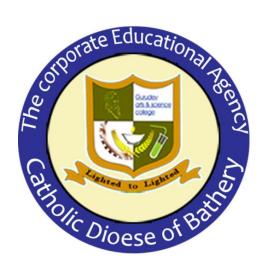
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GURUDEV ARTS & SCIENCE COLLEGE MATHIL, PAYYANUR, KANNUR DIST.

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DEPARTMENT OF COMPUTER SCIENCE

Certified t	that this is the bonafide record of practicals done
by	of
year	in Gurudev Arts and Science College,
Mathil for the year 20 to 2	0
[Hand Of Dank Committee Science
Lecturer in Charge	Head Of Dept., Computer Science
	Submitted for University Examinations 20
Examiners: 1.	
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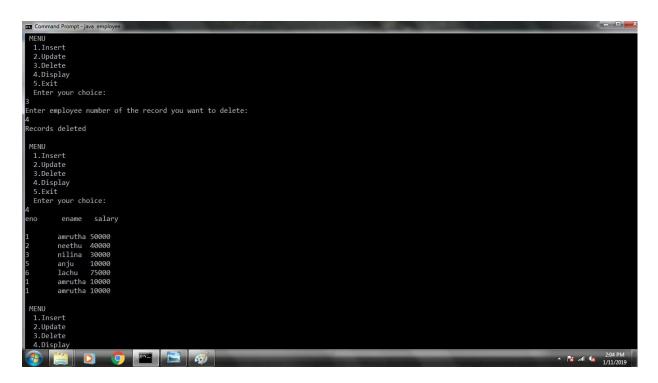
S. no	Programs	Page
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JDBC program to insert, delete and update records into employee table.

```
import java.sql.*;
import java.io.*;
public class employee
   static final String JDBC_DRIVER="com.mysql.jdbc.Driver";
  static final String DB_URL="jdbc:mysql://localhost/abcd";
  static final String USER="root";
  static final String PASS="gurudev";
  public static void main(String[] args)throws IOException
    int ch,upc;
    int no,sal;
    String name;
    BufferedReader br=new BufferedReader(new
InputStreamReader(System.in));
   try
      Class.forName("com.mysql.jdbc.Driver");
      catch(ClassNotFoundException e)
    System.out.println("Unable to load driver");
try
 Connection conn=DriverManager.getConnection(DB_URL,USER,PASS);
 Statement stmt=conn.createStatement();
 System.out.println("\n.....current records.....\n");
 System.out.println("ENO\tENAME \t SALARY \n");
 ResultSet rs=stmt.executeQuery("select * from employee");
 while(rs.next())
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("sa
lary"));
```

```
do
 System.out.println("\n MENU \n 1.Insert \n 2.Update \n 3.Delete \n
4.Display \n 5.Exit \n Enter your choice:");
 ch=Integer.parseInt(br.readLine());
 switch(ch)
case 1:
       System.out.println("Enter employee number, name and salary");
       no=Integer.parseInt(br.readLine());
       name=br.readLine();
       sal=Integer.parseInt(br.readLine());
       stmt.executeUpdate("insert into
employee(eno,ename,salary)values("+no+","'+name+"',"+sal+")");
       System.out.println("Records inserted");
       break:
case 2:
      System.out.println("Enter employee number of the record to be updated:");
      no=Integer.parseInt(br.readLine());
      System.out.println("Enter the new name and salary");
      name=br.readLine();
      sal=Integer.parseInt(br.readLine());
      try
         conn.setAutoCommit(false);
         upc=stmt.executeUpdate("update employee set
ename=""+name+"",salary="+sal+"where eno="+no);
         if(upc!=0)
          conn.commit();
          System.out.println("Records Updated");
         else
         System.out.println("No such records exist");
         break;
        catch(SQLException e)
```

```
System.out.println("Exception occured:"+e+"\n Records not Updated
n";
          conn.rollback();
       break;
case 3:
       System.out.println("Enter employee number of the record you want to
delete:");
       no=Integer.parseInt(br.readLine());
         conn.setAutoCommit(false);
         upc=stmt.executeUpdate("delete from employee where eno="+no);
         if(upc!=0)
           System.out.println("Records deleted");
           conn.commit();
         else
           System.out.println("No such records exist");
           break;
       catch(SQLException e)
          System.out.println("Exception occured:"+e+" \n Records not
deleted(n");
         conn.rollback();
       break;
case 4:
       ResultSet rs1=stmt.executeQuery("select * from employee");
       System.out.println("eno \t ename \t salary \n");
       while(rs1.next())
System.out.println(rs1.getInt("eno")+"\t"+rs1.getString("ename")+"\t"+rs1.getInt
("salary"));
```



JDBC program to connect to student table. implement the record scrolling function-first(),last(),next(),previous(),beforeFirst(),afterLast(),absolute() and relative().

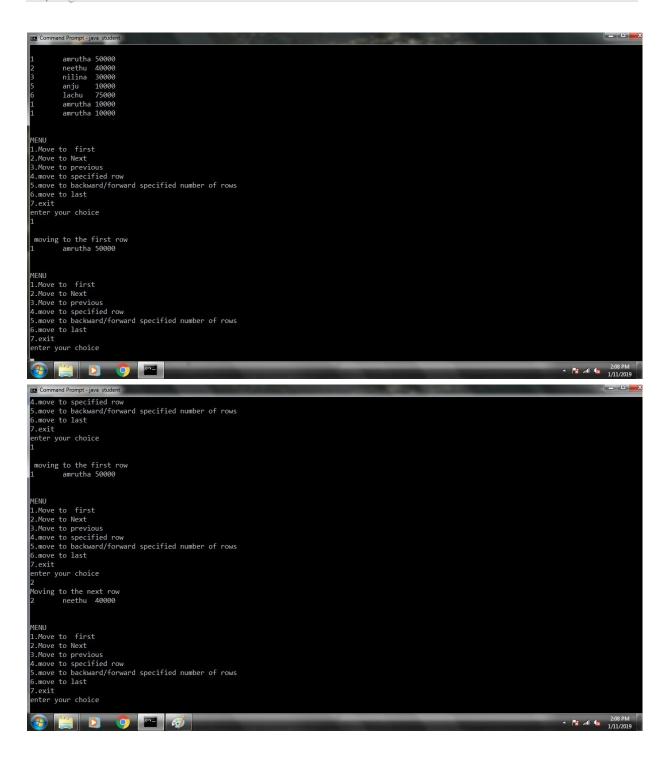
```
import java.sql.*;
import java.io.*;
public class student
{
    static final String JDBC_DRIVER="com.mysql.jdbc.Driver";
    static final String DB_URL="jdbc:mysql://localhost/abcd";
    static final String USER="root";
    static final String PASS="gurudev";

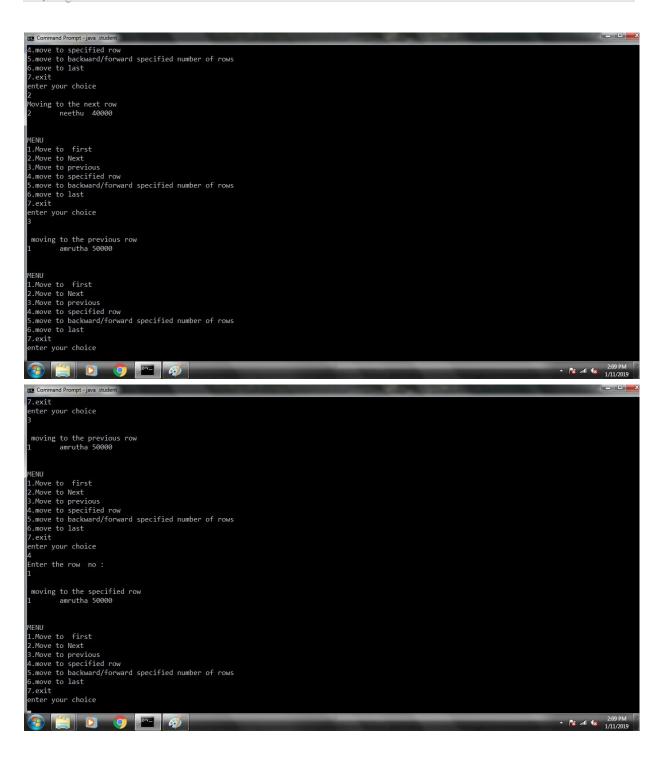
public static void main(String[]args)throws IOException
    {
    int ch,row,rows;
    BufferedReader br=new BufferedReader(newInputStreamReader(System.in));
    try
    {
        Class.forName("com.mysql.jdbc.Driver");
    }
}
```

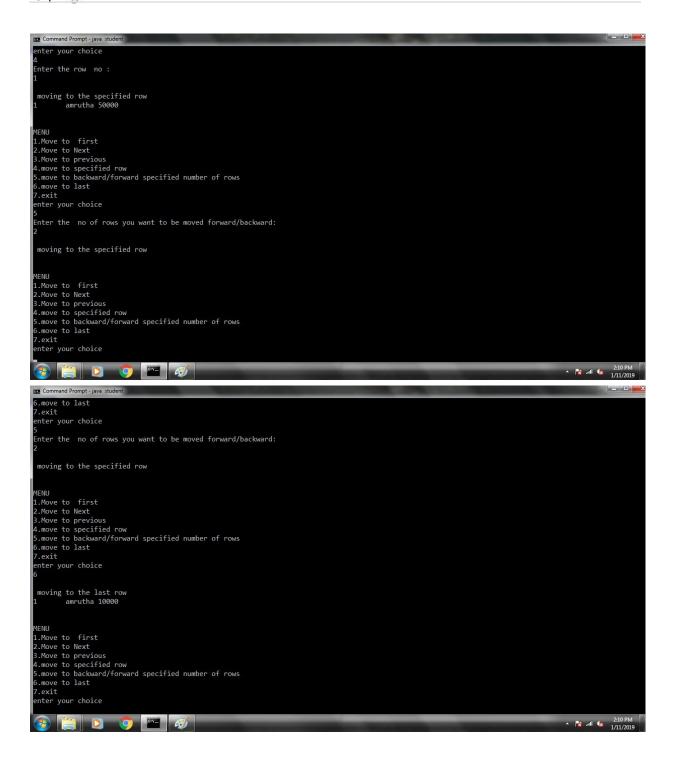
```
catch(ClassNotFoundException e)
System.out.println("Unable to load the driver");
try
Connection con=DriverManager.getConnection(DB_URL,USER,PASS);
Statement stmt=con.createStatement():
ResultSet rs=stmt.executeQuery("select * from employee");
System.out.println("\n...CURRENT TABLE...");
System.out.println("eno\t ename \t salary\n");
while(rs.next())
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t
lary"));
do
System.out.println("\n\nMENU\n1.Move to first\n2.Move to Next\n3.Move to
previous\n4.move to specified row\n5.move to backward/forward specified
number of rows\n6.move to last\n7.exit\nenter your choice");
ch=Integer.parseInt(br.readLine());
switch(ch)
{
case 1:
rs.first();
System.out.println("\n moving to the first row");
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("sa
lary"));
break:
case 2:
rs.next();
System.out.println("Moving to the next row");
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("sa
lary"));
break;
```

```
case 3:rs.previous();
System.out.println("\n moving to the previous row");
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("sa
lary"));
break;
case 4:
System.out.println("Enter the row no:");
row=Integer.parseInt(br.readLine());
rs.absolute(row);
System.out.println("\n moving to the specified row");
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t"+rs.getInt("same")+"\t
lary"));
break;
case 5:
System.out.println("Enter the no of rows you want to be moved
forward/backward:");
rows=Integer.parseInt(br.readLine());
rs.relative(rows);
System.out.println("\n moving to the specified row");
break:
case 6:
rs.last();
System.out.println("\n moving to the last row");
System.out.println(rs.getInt("eno")+"\t"+rs.getString("ename")+"\t"+rs.getInt("sa
lary"));
break;
case 7:
System.exit(0);
  while(ch!=7);
```

```
rs.close();
stmt.close();
con.close();
}
catch(SQLException e)
{
System.out.println("Connection failed:"+e.getMessage());
e.printStackTrace(System.out);
}
}
}
```





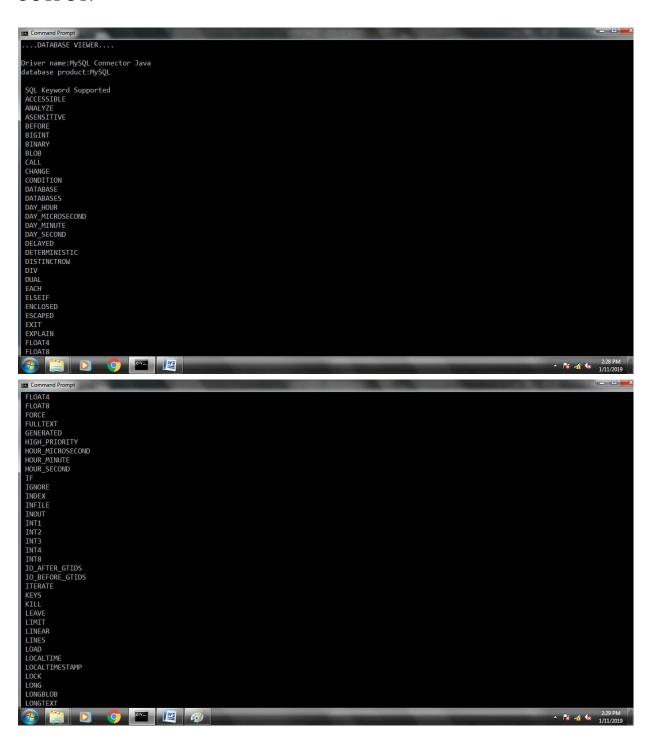


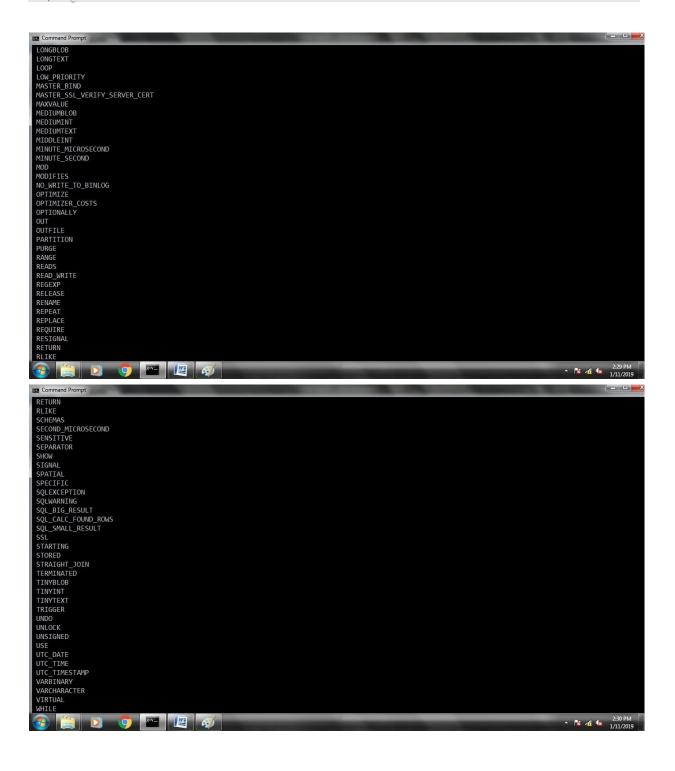
JDBC to display database metadata.

```
import java.sql.*;
import java.io.*;
import java.util.StringTokenizer;
public class DBViewer
static final String JDBC_DRIVER="com.mysql.jdbc.Driver";
static final String DB_URL="jdbc:mysql://localhost/abcd";
static final String USER="root";
static final String PASS="gurudev";
public static void main(String args[])
System.out.println("\n....DATABASE VIEWER ....\n");
try
Class.forName(JDBC_DRIVER);
Connection con=DriverManager.getConnection(DB_URL,USER,PASS);
DatabaseMetaData dbmd=con.getMetaData();
System.out.println("Driver name:"+dbmd.getDriverName());
System.out.println("database product:"+dbmd.getDatabaseProductName());
System.out.println("\n SQL Keyword Supported");
StringTokenizer st=new StringTokenizer(dbmd.getSQLKeywords(),",");
while(st.hasMoreTokens())
System.out.println(" "+st.nextToken());
String[]tableTypes={"TABLES"};
ResultSet rs=dbmd.getTables(null,null,null,tableTypes);
while(rs.next())
String table_name=rs.getString("TABLE_TYPE");
System.out.println("indexes");
ResultSet ilist=dbmd.getIndexInfo(null,null,table_name,false,false);
while(ilist.next())
System.out.println("indexname:"+ilist.getString("INDEX NAME"));
System.out.println("coloumnname:"+ilist.getString("COLOUMN NAME"));
```

```
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```

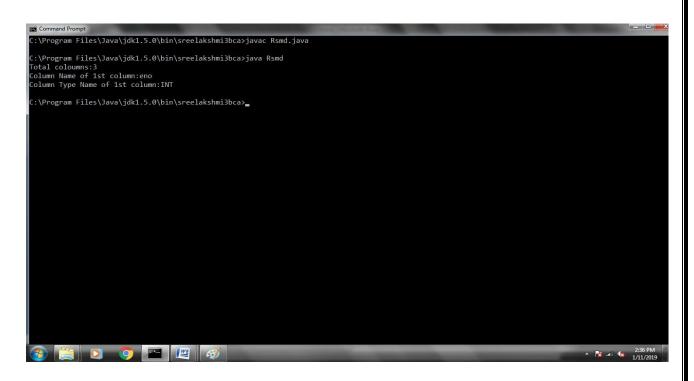
```
ilist.close();
}
rs.close();
con.close();
}
catch(ClassNotFoundException e)
{
System.out.println("unable to load driver");
}
catch(SQLException e)
{
System.out.println("Exception:"+e);
}
}
```





JDBC program to display Resultset metadata.

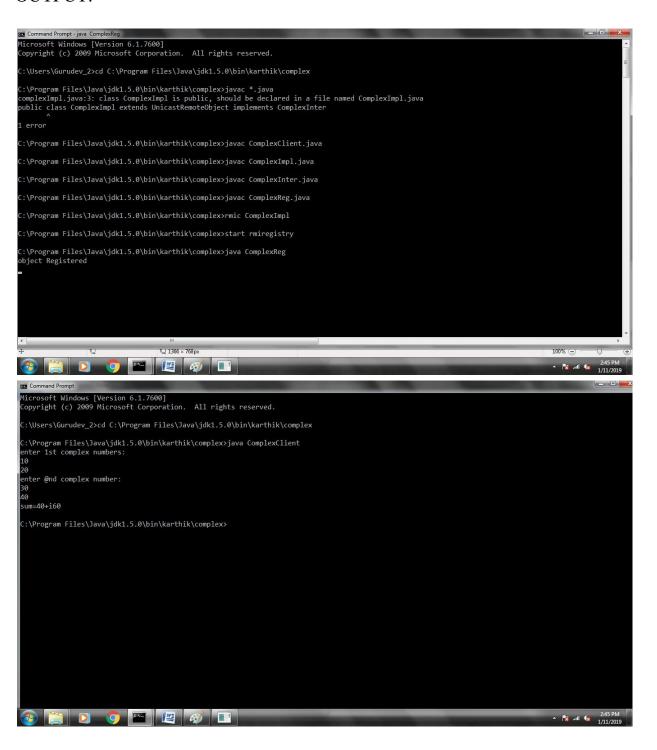
```
import java.sql.*;
class Rsmd
      static final String JDBC_DRIVER="com.mysql.jdbc.Driver";
      static final String DB URL="jdbc:mysql://localhost/abcd";
      static final String USER="root";
static final String PASS="gurudev";
static final String table="emp1";
public static void main(String args[])
      try
            Class.forName("com.mysql.jdbc.Driver");
            Connection
con=DriverManager.getConnection(DB_URL,USER,PASS);
            PreparedStatement ps=con.prepareStatement("select * from emp1");
ResultSet rs=ps.executeQuery();
ResultSetMetaData rsmd=rs.getMetaData();
System.out.println("Total coloumns:"+rsmd.getColumnCount());
System.out.println("Column Name of 1st column:"+rsmd.getColumnName(1));
System.out.println("Column Type Name of 1st
column:"+rsmd.getColumnTypeName(1));
con.close();
catch(Exception e)
      System.out.println(e);
```



RMI program for complex number operation.

```
Complex Client.java
import java.rmi.Naming;
import java .io.*;
public class ComplexClient
public static void main(String args[])throws IOException
BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
int x,y,z,w,ans1,ans2;
System.out.println("enter 1st complex numbers:");
x=Integer.parseInt(br.readLine());
y=Integer.parseInt(br.readLine());
System.out.println("enter @nd complex number:");
z=Integer.parseInt(br.readLine());
w=Integer.parseInt(br.readLine());
try
ComplexInter obj=(ComplexInter)Naming.lookup("rmi://localhost/com");
ans 1 = obj.add1(x,z);
ans2=obj.add2(y,w);
System.out.println("sum="+ans1+"+i"+ans2);
catch(Exception e)
System.out.println("Error:"+e);
ComplexImpl.java
import java.rmi.server.UnicastRemoteObject;
import java.rmi.RemoteException;
public class ComplexImpl extends UnicastRemoteObject implements
ComplexInter
public ComplexImpl()throws RemoteException{}
```

```
public int add1(int a1,int b1)throws RemoteException
int c=a1+b1;
return(c);
public int add2(int a2,int b2)throws RemoteException
int d=a2+b2;
return(d);
complexInter.java
import java.rmi.Remote;
import java.rmi.RemoteException;
public interface ComplexInter extends java.rmi.Remote
public int add1(int a1,int b1)throws RemoteException;
public int add2(int a2,int b2)throws RemoteException;
ComplexReg.java
import java.rmi.Naming;
public class ComplexReg
public static void main(String artgs[])
try
ComplexImpl comp=new ComplexImpl();
Naming.rebind("com",comp);
System.out.println("object Registered");
catch(Exception e)
e.printStackTrace();
```



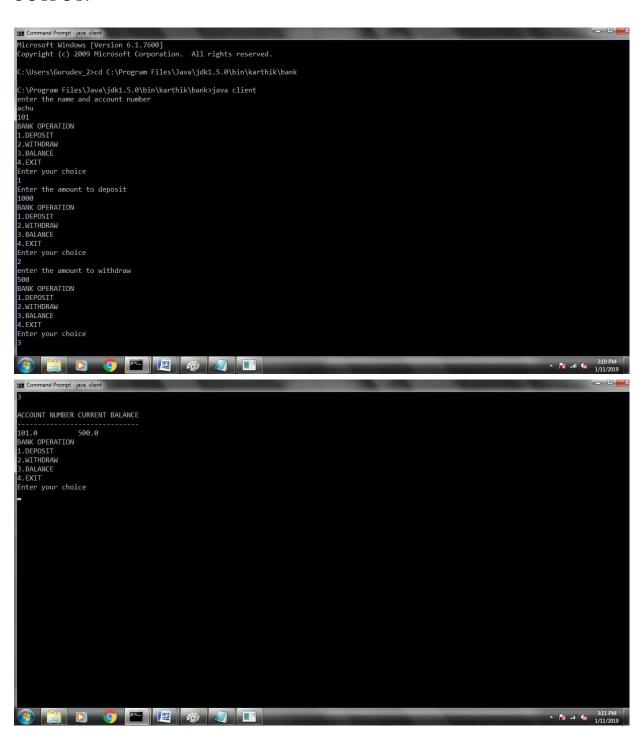
RMI program for bank operation.

```
Bank.java
import java.rmi.*;
public interface bank extends Remote
public float deposit(float accno, float amt)throws RemoteException;
public float withdraw (float accno, float amt)throws RemoteException;
public float balance (float accno)throws RemoteException;
};
Bankimpl.java
import java.rmi.*;
import java.rmi.server.*;
public class bankimpl extends UnicastRemoteObject implements bank
float c=0;
public bankimpl()throws RemoteException
super();
public float deposit(float accno,float amt)throws RemoteException
c=c+amt;
return c;
public float withdraw(float accno,float amt)throws RemoteException
c=c-amt;
return c;
public float balance(float accno)throws RemoteException
return c;
```

```
Client.java
```

```
import java.rmi.*;
import java.io.*;
public class client
public static void main(String args[])
float c,act,b,amt;
String name;
int ch;
try
BufferedReader rd=new BufferedReader(new InputStreamReader(System.in));
bank ar=(bank)Naming.lookup("bank");
System.out.println("enter the name and account number");
name=rd.readLine();
act=Float.parseFloat(rd.readLine());
do
      System.out.println("BANK OPERATION");
      System.out.println("1.DEPOSIT");
      System.out.println("2.WITHDRAW");
      System.out.println("3.BALANCE");
      System.out.println("4.EXIT");
      System.out.println("Enter your choice");
      ch=Integer.parseInt(rd.readLine());
      switch(ch)
            case 1:
            System.out.println("Enter the amount to deposit");
            amt=Float.parseFloat(rd.readLine());
            c=ar.deposit(act,amt);
            break:
            case 2:
            System.out.println("enter the amount to withdraw");
            amt=Float.parseFloat(rd.readLine());
            c=ar.withdraw(act,amt);
            break;
            case 3:
            System.out.println("");
```

```
c=ar.balance(act);
            System.out.println("ACCOUNT NUMBER CURRENT
BALANCE");
            System.out.println("-----");
System.out.println(act+" "+c);
            break;
} while(ch<4);
catch(Exception e)
Reg.java
import java.rmi.*;
public class reg
public static void main(String args[])
try
bankimpl ob=new bankimpl();
Naming.rebind("bank",ob);
catch(Exception e)
```



RMI program for matrix addition and subtraction.

```
Client.java
```

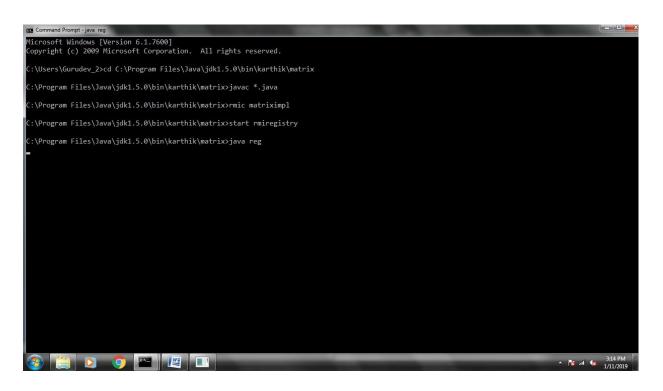
```
import java.rmi.*;
import java.io.*;
class matt
int i,j;
BufferedReader rd=new BufferedReader(new InputStreamReader(System.in));
public int[][]read(int[][] A,int r,int c)throws IOException
for(i=0;i<r;i++)
for(j=0;j< c;j++)
A[i][j]=Integer.parseInt(rd.readLine());
return A;
public void print(int[][]A,int r,int c)throws IOException
for(i=0;i<r;i++)
for(j=0;j< c;j++)
System.out.println(" "+A[i][j]);
System.out.println(" ");
public class client
public static void main(String args[])
int r,c,ch;
matt mt=new matt();
```

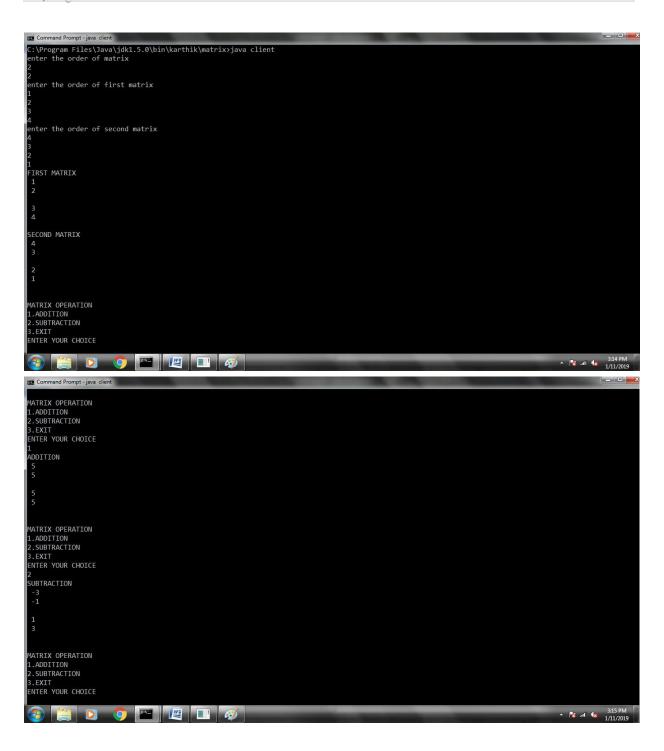
```
int[][] A=new int[100][100];
int [][] B=new int[100][100];
int[][] C=new int[100][100];
BufferedReader rd=new BufferedReader(new InputStreamReader(System.in));
try
System.out.println("enter the order of matrix");
r=Integer.parseInt(rd.readLine());
c=Integer.parseInt(rd.readLine());
System.out.println("enter the order of first matrix");
A=mt.read(A,r,c);
System.out.println("enter the order of second matrix");
B=mt.read(B,r,c);
System.out.println("FIRST MATRIX");
mt.print(A,r,c);
System.out.println("SECOND MATRIX");
mt.print(B,r,c);
matrix a=(matrix)Naming.lookup("matt");
do
System.out.println("");
System.out.println("MATRIX OPERATION");
System.out.println("1.ADDITION");
System.out.println("2.SUBTRACTION");
System.out.println("3.EXIT");
System.out.println("ENTER YOUR CHOICE");
ch=Integer.parseInt(rd.readLine());
switch(ch)
case 1:
C=a.add(A,B,r,c);
System.out.println("ADDITION");
mt.print(C,r,c);
break;
case 2:
C=a.sub(A,B,r,c);
System.out.println("SUBTRACTION");
mt.print(C,r,c);
break;
```

```
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}while(ch<3);</pre>
catch(Exception e)
<u>Matrix.java</u>
import java.rmi.*;
public interface matrix extends Remote
public int[][]add(int[][] A,int[][] B,int r,int c)throws RemoteException;
public int[][]sub(int[][] A,int[][] B,int r,int c)throws RemoteException;
};
Matriximpl.java
import java.rmi.*;
import java.rmi.server.*;
import java.io.*;
public class matriximpl extends UnicastRemoteObject implements matrix
String res;
int rsum,i,j;
int[][]C=new int[100][100];
public matriximpl()throws RemoteException
super();
public int[][]add(int[][] A,int[][] B,int r,int c)throws RemoteException
for(i=0;i<r;i++)
for(j=0;j< c;j++)
C[i][j]=A[i][j]+B[i][j];
return C;
public int[][]sub(int[][] A,int[][] B,int r,int c)throws RemoteException
```

```
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```

```
for(i=0;i<r;i++)
for(j=0;j<c;j++)
C[i][j]=A[i][j]-B[i][j];
return C;
Reg.java
import java.rmi.*;
public class reg
public static void main(String args[])
try
matriximpl ob=new matriximpl();
Naming.rebind("matt",ob);
catch(Exception e)
```





c=a/b;

CORBA program for arithmetic operation.

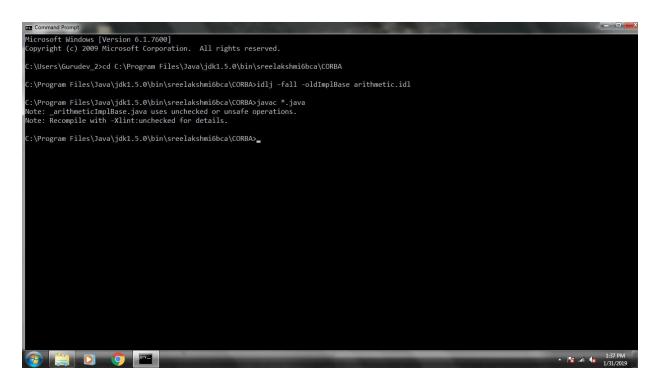
```
Arithematic.idl
interface arithmetic
 float add(in float a, in float b);
float sub(in float a,in float b);
float mul(in float a,in float b);
float div(in float a,in float b);
};
Arithematicimp.java
public class arithmeticimp extends _arithmeticImplBase
      float c;
 public float add(float a,float b)
      c=a+b;
      return c;
 public float sub(float a,float b)
      c=a-b;
      return c;
 public float mul(float a,float b)
      c=a*b;
      return c;
 public float div(float a,float b)
```

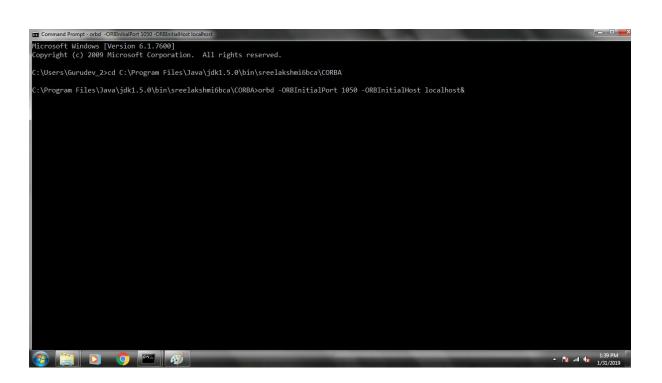
```
return c;
 }
Client.java
import org.omg.CORBA.*;
import org.omg.CosNaming.*;
import java.io.*;
public class client
public static void main(String arg[])
try{
      BufferedReader rd=new BufferedReader(new
InputStreamReader(System.in));
    ORB orb=ORB.init(arg,null);
    org.omg.CORBA.Object
ob=orb.resolve_initial_references("NameService");
    NamingContext ctx=NamingContextHelper.narrow(ob);
    NameComponent nc=new NameComponent("Message","");
    NameComponent path[]={nc};
    arithmetic ar=arithmeticHelper.narrow(ctx.resolve(path));
    float c,a,b;
      System.out.println("Enter two numbers");
      a=Float.parseFloat(rd.readLine());
      b=Float.parseFloat(rd.readLine());
      c=ar.add(a,b);
      System.out.println("Sum ="+c);
      c=ar.sub(a,b);
      System.out.println("Substract = "+c);
      c=ar.mul(a,b);
      System.out.println("product ="+c);
      c=ar.div(a,b);
      System.out.println("division ="+c);
```

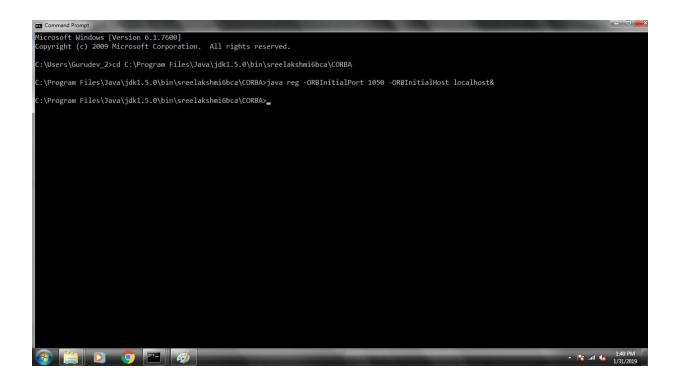
```
catch(Exception e)
{
}
}
```

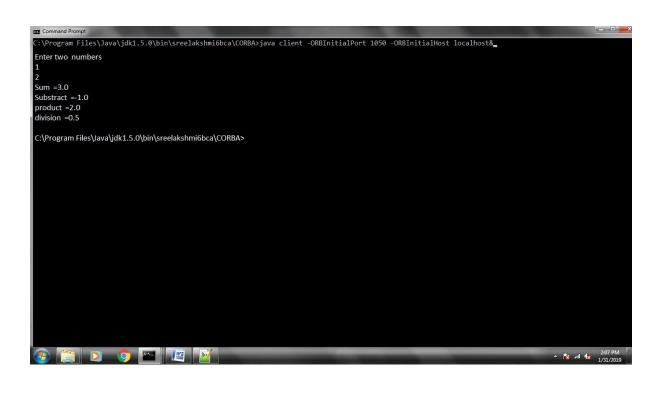
Reg.java

```
import org.omg.CORBA.*;
import org.omg.CosNaming.*;
public class reg
{
  public static void main(String arg[])
  {
    try{
        ORB orb=ORB.init(arg,null);
        org.omg.CORBA.Object
    ob=orb.resolve_initial_references("NameService");
        NamingContext ctx=NamingContextHelper.narrow(ob);
        NameComponent nc=new NameComponent("Message","");
        NameComponent path[]={nc};
        arithmeticimp m=new arithmeticimp();
        ctx.rebind(path,m);
        orb.run();
        }
        catch(Exception e)
        {
        }
    }
}
```









Create an html form to read student detail such as Roll, name, age, sex, qualification, percentage of marks etc. Write a servlet program that displays the same details.

Hello.java

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
public class helloform extends HttpServlet
{
protected void doGet(HttpServletRequest req,HttpServletResponse resp)throws
ServletException,IOException
{
resp.setContentType("text/html");
PrintWriter out=resp.getWriter();
String tilte="using GET method to read from data";
out.println("<br>Name</br>:"+req.getParameter("name"));
out.println("<br>RollNo</br>:"+req.getParameter("rollnumber"));
out.println("<br>Age</br>:"+req.getParameter("age"));
out.println("<br>Sex</br>:"+req.getParameter("mark"));
out.println("<br>Out.println("<br>Out.println("<br>Out.println("<br>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br/>Out.println("<br
```

Hello.html

```
Mark:<input type="text" mark="mark"><br><draw|
qualification::<input type="text" qualification="qualification"><br><br><input type="submit" values="submit"></form>
</body>
</html>
```



