

NAME : BHARTENDU PANT

MCA 2A

S.ID : 20711020

JAVA PRACTICAL (Q2)

Q2. Assume table "bookdetails". With following details book name, author name, number of pages, price

Write a JDBC program to ask user to enter bookname, author name, number of pages and price using

Scanner class.

Using PreparedStatement insert above asked details in bookdetails.

Sol 2.

/* SOURCE-CODE */

```
Package com.database.testing;
import java.sql.*;
import java.util.Scanner;

Public class TestPrepared {
    Public static void main (String[] args) {
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection
            ("jdbc:mysql://localhost:8888/test", "root", "3333");
            Scanner sc = new Scanner (System.in);
            System.out.println ("Enter book name:");
            String book_name = sc.nextLine();
            System.out.println ("Enter author name:");
            String author_name = sc.nextLine();
            System.out.println ("Enter number of pages:");
            int noOfPages = sc.nextInt();
            System.out.println ("Enter Price:");
            double price = sc.nextDouble();

            String sql = "insert into bookdetails values(?,?,?,?)";
            Prepared Statement pst = con.prepareStatement (sql);
            pst.setString (1, book_name);
            pst.setString (2, author_name);
            pst.setInt (3, noOfPages);
            pst.setDouble (4, price);
```

SD

(2)

```
int c = pst.executeUpdate();  
if (c != 0) {  
    System.out.println("Data inserted");  
}  
else  
{  
    System.out.println("Data no inserted");  
}  
pst.close();  
con.close();  
}  
catch (SQLException s)  
{  
    s.printStackTrace();  
}  
catch (ClassNotFoundException fof)  
{  
    fof.printStackTrace();  
}  
}  
}
```

JP