## **QUESTION 2:**

## CODE:

```
import java.sql.*;
import java.util.*;
public class Q2 {
       public static void main(String[] args) {
              // TODO Auto-generated method stub
try {
       Class.forName("com.mysql.cj.jdbc.Driver");
       Connection
conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/mydb","root","1234");
       System.out.println("Connected");
        PreparedStatement pst=conn.prepareStatement("insert into bookdetails values
(?,?,?,?)");
        Scanner sc=new Scanner(System.in);
         System.out.println("Enter book name");
         String bname=sc.nextLine();
         System.out.println("Enter author name");
         String name=sc.nextLine();
         System.out.println("Enter number of pages");
         int nop=sc.nextInt();
    System.out.println("Enter price");
    int price = sc.nextInt();
         pst.setString(1, bname);
         pst.setString(2, name);
         pst.setInt(3, nop);
    pst.setInt(4, price);
         int x=pst.executeUpdate();
```

```
pst.close();
    if(x!=0) {
       System.out.println("Data inserted");
    }
    else {
       System.out.println("Enter again");
    }
    pst=conn.prepareStatement("select * from bookdetails");
    ResultSet rs=pst.executeQuery();
    while(rs.next()) {
         System.out.println("Book Name: "+rs.getString(1));
       System.out.println("Author Name: "+rs.getString(2));
       System.out.println("No of pages: "+rs.getInt(3));
    System.out.println("Price: "+rs.getInt(4));
               }
    //create procedure
       //rs.first();
    conn.close();
}
               catch(Exception e) {
                      e.printStackTrace();
               }
}
       }
```

## **OUTPUT:**

Connected
Enter book name
bookl
Enter author name
authorl
Enter number of pages
100
Enter price
200
Data inserted
Book Name: bookl
Author Name: authorl
No of pages: 100
Price: 200

## **HANDWRITTEN CODE:**

Auti MCA2B Java Recognamming 20712066. 200 import-java. sql. \*; ANS 3 impost java. util. \*; public class Q28 public static void main (string[] augs) & they & class. for Name ("com. mysql. cj. jdbi. Operion ");
Connection conn = Deriver Manager.

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         System.out. perintin ("Enter preice");
          int perince = 80, nextout()3
         pst. setStoring (1, bname);
          pst. setStering (2, name);
           pet. setInt(2, nop);
               pet. RetInt (4, paice);
           unt x = pst. execute apdate ();
              pet. iclose ();
           W(x1=0) }
             System. out. point In ("Data
                             insuted ");
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             Eysternout. poeint In ("Enter again").
     pst = com. prepareStatement ('1&elect*
                       team bookdetails");
       ResultSet us = pst. execute Quiny);
        vehile (us. nent ())}
       System. out. perint In ("Book Name:
       System.out. preint In (" Author Name:
           "tus. getotaling (2));
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```

System.out.pouintulm ("No of pages: "tues. getInt(3));
System.out.pouintuln ("Price: +"+ bx.
getInt(4)); 9 como desect; routen (érception e),s e, peuintstack Trace();