QUESTION 2:

CODE:

```java
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();
```

```java
        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
book1
Enter author name
author1
Enter number of pages
100
Enter price
200
Data inserted
Book Name: book1
Author Name: author1
No of pages: 100
Price: 200
```

HANDWRITTEN CODE:

Arti
MCA 2 B
Java Programming
20712066.

Q2=)
Ans=)

```java
import java.sql.*;
import java.util.*;
public class Q2{
    public static void main(String[]
            args){

        try {
            class.forName("com.mysql.cj.jdbc.
                Driver");
            Connection conn = DriverManager.
              getConnection("jdbc: mysql://
                localhost:3306/mydb", "root"
                ,"1234");
            System.out.print("connected");
            PreparedStatement pst = conn.pre-
              -pareStatement("insert
                into bookdetails values
                    (?,?,?,?)");

            Scanner sc = new Scanner(System.in);
            System.out.println("enter book
                name");

            String bname = sc.nextline();
```

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```java
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 res = pst.executeQuery();
while(res.next()){
System.out.println("Book Name:
        " + res.getString(1));
System.out.println("Author Name:
        " + res.getString(2));
```

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```
System.out.println("No of pages:
          "+res.getInt(3));
System.out.println(" Price :"+"+res.
                  getInt(4));
    }
    conn.close();
  }
  catch(exception e){
      e.printstackTrace();
  }
 }
}
```

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