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MCA, 2nd, B.
Java Programming Practical.

Ans② Program.

```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.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 of
                pages ");
```

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```java
String name = scan.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
                book details");

ResultSet rs = pst.executeQuery();
while(rs.next()){
System.out.println("Book Name"+rs.
                    getString(1));

System.out.println("AuthorName"+
                    rs.getString(2));
```

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```
System.out.println(" No of Pages :" + rs.getInt(3));
System.out.println(" Price :" + rs.getInt(4));
}

    conn.close();
 }
 Catch ( Exception e)
    {
        e.printStackTrace();
    }
  }
}
```

Code-

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

try {
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    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) {
```

```java
        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));


            }


    conn.close();
}
            catch(Exception e) {
                    e.printStackTrace();
            }
}
    }
```

```
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
```