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Course - MCA2A

```
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");
```

```
    Prepared Statement
```

```
    Pst = conn.prepareStatement("Insert into bookdetail  
    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  
book details");
```

```
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.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
```