

MCA 272 Java Programming

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Program 8: Demonstrate the concept of exception handling. (user defined exception is a must)

Domain: Courier Management System

Code:

<https://github.com/akash-mca/java-lab/blob/master/Lab%20Programs/>

Output

```
PS F:\Christ - II Sem\Labs\Java\Lab Pr
Courier Management System
1. Admin Module
2. Manager Module
3. Courier Module
4. Shipment Module
5. Exit
Enter your choice:
4
    Check Shipments
1. Add new Shipment
2. Update Status
3. Update Location details
4. Display Shipment
5. Go Back
Enter your choice:
1
Enter Sender Details:
Enter Name:
Akash
Enter Email ID:
akash@email.com
Enter Phone:
1234567890
Enter Address:
bangalore
Enter Reciever Details:
Enter Name:
Roshan
Enter Email ID:
roshan@dmial.com
Enter Phone:
0987654321
Enter Address:
chennai
Enter price of the shipment:
1500
Enter current hub location:
bangalore
Enter current courier incharge:
Man
Press Enter to Continue...
```

```
    Check Shipments
1. Add new Shipment
2. Update Status
3. Update Location details
4. Display Shipment
5. Go Back
Enter your choice:
4
Enter Shipment ID:
1
*****Shipment 1*****
Sender:
ID      : 1
Name    : Akash
Email ID : akash@email.com
Phone   : 1234567890
Address : bangalore
-----
ID      : 2
Name    : Roshan
Email ID : roshan@dmial.com
Phone   : 0987654321
Address : chennai
-----
Price   : 1500.0
Hub     : bangalore
Courier : Man
Status  : Yet to send
Press Enter to Continue...
```

```

        Check Shipments
1. Add new Shipment
2. Update Status
3. Update Location details
4. Display Shipment
5. Go Back
Enter your choice:
2
Enter Shipment ID:
1
Update shipment status
Current Status = Yet to send

```

```

1. 'In Transit'
2. 'In Hub'
3. 'Out for Delivery'
4. 'Delivered'
5. 'Not Delivered'
6. 'Returned to Sender'
7. No Change

```

```

Select new status:
1

```

```

Current Status = In Transit
Modified Details:

```

```

*****Shipment 1*****

```

```

Sender:

```

```

ID      : 1
Name    : Akash
Email ID : akash@email.com
Phone   : 1234567890
Address : bangalore

```

```

-----
ID      : 2
Name    : Roshan
Email ID : roshan@dmil.com
Phone   : 0987654321
Address : chennai

```

```

-----
Price   : 1500.0
Hub     : bangalore
Courier : Man
Status  : In Transit

```

```

Press Enter to Continue...

```

```

        Check Admin
1. Add new Admin
2. Modify Admin details
3. Display all Admins
4. Go Back
Enter your choice:
1
Enter Name:
akash
Enter Email ID:
akash@email.com
Enter Phone:
sad
Invalid Phone no. Default 0000000000 is placed
Enter Password:
ax

Press Enter to Continue...

```

```

        Check Admin
1. Add new Admin
2. Modify Admin details
3. Display all Admins
4. Go Back
Enter your choice:
i
Incorrect input. Program will go back

```

```

        Check Shipments
1. Add new Shipment
2. Update Status
3. Update Location details
4. Display Shipment
5. Display all Shipments
6. Go Back
Enter your choice:
1
Enter Sender Details:
Enter Name:
akash
Enter Email ID:
akash@email.com
Enter Phone:
12
Invalid Phone no. Default 0000000000 is placed
Enter Address:
as
Enter Reciever Details:
Enter Name:
roshan
Enter Email ID:
roshn@gmail.com
Enter Phone:
as
Invalid Phone no. Default 0000000000 is placed
Enter Address:
res
Enter price of the shipment (More than 100):
50
packages.PriceException: Price less than 100, Price is set to 100
Enter current hub location:
bangalore
Enter current courier incharge:
post

Press Enter to Continue...

```