

**Q1.** Explain all 4 principles of OOP.

**Q2.** Design a BookmyShow like program where users can book a ticket.

Try to make as many classes you feel there should exist. And apply all the principles of oops we covered in class.

**For Eg:-**

Your Balance: 1000

Shows Available

1. ABC

2. BEK

Press the no. to get more info for the show.

<user pressed 1>

\*ABC\*

Cast: give random cast

Budget: give random budget

Rating: give random rating

Price for ticket - 200

New Balance: 800