

3 shows are running in a movie theatre. You are given available seats of all shows. Seats are categorised as Platinum, Gold and Silver. Show all available seats to customers before letting them select seats. A, B & C rows are categorised into Platinum, Gold and Silver and costs Rs. 320, Rs. 280 & Rs. 240 respectively.

Customers who want to book the tickets first ask the show no. and then check whether seats are available or not if available then book their seats else ask them to enter seats again.

Before each booking print all available seats and after booking show the total cost including taxes. All bookings would be charged service tax of 14% along with Swachh Bharat Cess and Krishi Kalyan Cess at a rate of 0.5% each.

Finally print total revenue generated along with above taxes payable by theatre owner in following format:

Revenue: Rs. xxxx
Service Tax: Rs. xxxx
Swachh Bharat Cess: Rs. xxxx
Krishi Kalyan Cess: Rs. xxxx

Seating arrangement:

Show 1 Running in Audi 1:

All Seats:

A1 A2 A3 A4 A5 A6 A7 A8 A9

B1 B2 B3 B4 B5 B6

C2 C3 C4 C5 C6 C7

Show 2 Running in Audi 2:

All Seats:

A1 A2 A3 A4 A5 A6 A7

B2 B3 B4 B5 B6

C1 C2 C3 C4 C5 C6 C7

Show 3 Running in Audi 3:

All Seats:

A1 A2 A3 A4 A5

B1 B2 B3 B4 B5 B6 B7 B8

C1 C2 C3 C4 C5 C6 C7 C8 C9

Input:

Enter Show no: 1

Enter seats: B1, B4

Print: Successfully Booked - Show 1

SubTotal: Rs. 560

Service Tax @14%: Rs. 78.40

Swachh Bharat Cess @0.5%: Rs. 2.80

Krishi Kalyan Cess @0.5%: Rs. 2.80

Total: Rs. 644

Input:

Enter Show no: 1

Enter seats: B1, B3

Print: B1 Not available, Please select different seats

Input

Enter Show no: 2

Enter seats: A1, A2, A3

Print: Successfully Booked - Show 2

SubTotal: Rs. 960

Service Tax @14%: Rs. 134.40

Swachh Bharat Cess @0.5%: Rs. 4.80

Krishi Kalyan Cess @0.5%: Rs. 4.80

Total: Rs. 1104

Total Sales:

Revenue: Rs. 1520

Service Tax: Rs. 212.80

Swachh Bharat Cess: Rs. 7.60

Krishi Kalyan Cess: Rs. 7.60