start

1.vip seating

2. standard seating

3. seat occupancy

4.search for patron

5.exit

Display vip

Input choice

yes

no yes

Seat available

Find the first available vip seat

Choice 1

no no

Check for std seat

Choice 2

yes

yes

Display std set

yes no

yes

Do you want vip instead

Find std seat

No seats available

no

no

Display std seat

No seats available

Choice 3

yes

Seat occupancy for all seats

no

Search for patron

yes

Patron found?

Choice 4

name to search

Patron details

no

no

Exit he program

Choice 5

Patron not found

end