Document on camera rental application

class UserInfo

{

String username;

String password;

double walletAmt;

getters and setters

public void AddAmtToWallet()

{

add functionality

a. first show current balance

b. read amount from keybaord then add to walletAmt variable

c. Show total wallet amount once it is added successfully.

}

}

class Camera

{

int camid;

String brand;

Stirng model;

float rentperday;

String status;

getters and setters and if required add parameterized constructor

}

class CameraOperations

{

List<Camera> rentAcamera = new ArrayList<Camera>();

public String AddCameras(Camera cm)

{

add the functionality of adding camera

status is "Available" first time.

}

public List<Camera> ShowAllCameras()

{

add the functionality

first sort all the camera details based camera id then return the list object

}

public String DeleteCamera(int camid)

{

add the funnctionality

if camera status is "Rented", then it should not delete

}

public void RentACamera(int camid)

{

Add functionality

First Show List of Cameras

1. Check the rent per day

2. Check the walletamt

3. if wallet having suffiecient amt, then process it.

4. Change the status of the camera, "Rented" and minus rent amt from wallet.

5. if wallet not having sufficent amt, then show an error msg.

Note : if camera status is "Rented" then it should not be rented again

}

}

class CameraMain

{

public static void main()

{

UserInfo user = new UserInfo();

user.setUsername("admin")

user.setPassword("admin@123")

user.setWalletAmt(10000.00);

print("Enter username)

input username

print("Enter Password")

input password

if(check user details, if it is correct)

{

show main List

1. My Camera

2. Rent A Camera

3. View All Camera

4. My Wallet

5. Exit

switch(case)

{

case 1:

show sub list

1. Add Camera

2. Remove Camera

3. View Cameras

4. Back to Main Menu

Switch(case)

{

case 1: Add camera functionality

case 2 : remove camera

case 3: view all camera

case 4: show main menu

}

case 2:

Rent a Camera Functionality

case 3:

View All Cameras

case 4:

My Wallet Functionality

case 5:

Exit

}

}

else

print("incorrect username/password")

}

}