**Problem Statement**: RideOn Cab Service Provider needs an application so that users can book a cab. This application provide multiple functionalities to the customer. You need to implement functionalities so that the cab details that the customer has booked are serialized in the RideOn.obj file.

Display the following menu to the Shopkeeper to perform various operations :

1. Book a Cab
2. Read Cab Details from File
3. Exit.

**Classes to be created**

class CabClient

{

public static void main( )

// to display the menu and accept the details from user

// create object for appropriate classes and execute the respective methods

}

class CabBooking{

private int otp;

private String pickUp;

private String drop;

private String mobileNo;

private String cabType;

// getter, setter & constructor

}

class CabFileHelper {

public CabBooking writeCabDetails(CabBooking cb){. . . }

public void readCabDetailsFromFile(){….}

}

Class CabDataValidator{

boolean validateData(String patern,String str){. . . }

}

Add appropriate user defined exception classes and any other supporting classes required.