Submit the Project done in the class i.e. cab free calculation.

//Cab Fare Calculation Object

import java.util.Scanner;

class Cab {

int fare;

int d; //distance travelled by user

public Cab() {

fare = 30;

}

//parameterized constructor

public Cab(int amt) {

fare = amt;

}

//copy Constructor

public Cab(Cab ob2) { //Cab ob1 = new Cab(ob);

fare = ob2.fare; //ob1.fare = ob.fare

}

void showFare() {

System.out.println("Total Fare: Rs " + fare);

}

}

class RideCab {

public static void main(String[] args) {

int cd; //distance of cab from user

Scanner sc = new Scanner(System.in);

System.out.print("Enter the cab distance from user: ");

cd = sc.nextInt();

if(cd > 5) {

Cab ob = new Cab(30 + 10 \* (cd - 5));

System.out.print("Enter the distance travelled: ");

ob.d = sc.nextInt();

ob.fare = ob.fare + 10 \* ob.d;

ob.showFare();

}

else {

Cab ob = new Cab();

System.out.print("Enter the distance travelled: ");

ob.d = sc.nextInt();

ob.fare = ob.fare + 10 \* ob.d;

ob.showFare();

Cab ob1 = new Cab(ob);

ob1.showFare();

}

}

}