Q) Submit the Cab Fare project discussed in Day 3 class (without the copy constructor part).

import java.util.Scanner;

class Cab {

int fare;

int d;

public Cab() {

fare = 30;

}

//parameterized constructor

public Cab(int fare) {

this.fare = fare; //"this" gives reference of current object being used

//ob.fare - 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 + (cd - 5) \* 10); //invokes param constructor

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

ob.d = sc.nextInt();

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

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

}

else {

Cab ob = new Cab();

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

ob.d = sc.nextInt();

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

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

Cab ob2 = new Cab(ob);

System.out.println("Data ob2: " + ob2.fare);

}

}

}