

JAVA ASSIGNMENT (Day 3)

Mini Project - Cab(Uber) Fare Calculation

Program:

```
import java.util.Scanner;

class Cab {

    int fare;

    int d;    //distance travelled by user


    public Cab() {

        fare = 30;

    }

    public Cab(int amt) {

        fare = amt;

    }


    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();  
    }  
}  
}
```

Output:

Enter the cab distance from user: 4

Enter the distance travelled: 9

Total fare: Rs 120