

DAY 3 ASSIGNMENT

MINI PROJECT: Cab fare calculation:

```
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;
    }

    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();  
    }  
}  
}
```