

Day 3 (Assignment)

Q1) Submit cab fare project (without copy constructor).

Ans:) 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);
        }
    }
}
```