

```

class loan {
    int rate;
    loan() {
        System.out.println("Hi, I'm Default Constructor of Loan");
    }

    loan(int rate) {
        this.rate = rate;
    }

    void printRate() {
        System.out.println(this.rate);
    }
}

class Carloan extends loan{
    int rate;
    Carloan(){
        System.out.println("Hi, I'm default constructor of Carloan");
        System.out.println(super.rate);//1- using super to access the instance
        variable of parent class
    }
    Carloan(int rate){
        super(7);//3 - to invoke the constructor of the parent class(must be 1st line
        of the constructor)
        this.rate=rate;
    }
    void printRate(){
        System.out.println(this.rate);
        super.printRate();//2 - using super to invoke methods of the parent class
        System.out.println(super.rate);
    }
}

public class lec10{
    public static void main(String args[]){
        Carloan c1=new Carloan();
        Carloan c2=new Carloan(8);
        c2.printRate();
    }
}

```