



Programme	:	BTech. CSE Core	Semester	:	Win 2021-22
Course	:	Java Programming	Code	:	CSE1007
Faculty	:	Dr. Pradeep K	Slot	:	D2+TD2
Name	:	Hariket Sukesh Kumar Sheth	Register No.	:	20BCE1975

```
package university;

class Batch{
    int marks;

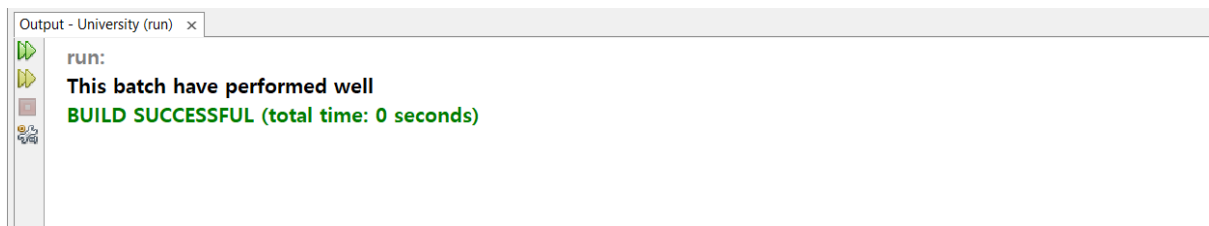
    private class Result{
        public void display(){
            System.out.println("This batch have performed well");
        }
    }

    void declare(){
        Result r1 = new Result();
        r1.display();
    }
}

public class University {
    public static void main (String args[] ){
        Batch b1 = new Batch();

        b1.declare();
    }
}
```

OUTPUT:



```
package university;

class Batch{
    private int average = 93;

    public class Result{
        public int declare(){
            System.out.println("This batch have performed well");
            return average;
        }
    }
}

public class University {
    public static void main (String args[] ){
        Batch b1 = new Batch();
        Batch.Result r1 = b1.new Result();
        System.out.println(r1.declare());
    }
}
```

OUTPUT:



```
package university;

public class University{

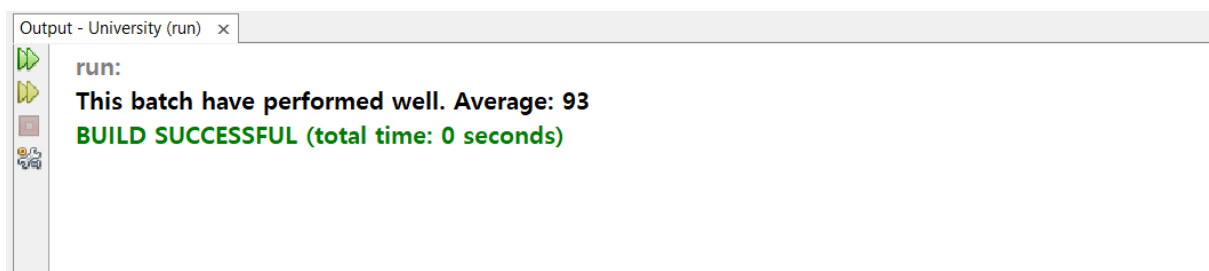
    void declare(){
        int average = 93;

        class Result{
            public void display(){
                System.out.println("This batch have performed well. Average: "+average);
            }
        }

        Result r1 = new Result();
        r1.display();
    }

    public static void main (String args[] ){
        University u1 = new University();
        u1.declare();
    }
}
```

OUTPUT:



```
package university;

class Announcement{

    public void display(){
        System.out.println("Tomorrow is a non-instructional day");
    }
}

public class University{
    public static void main (String args[] ){
        Announcement a1 = new Announcement()
        {
            public void display(){
                System.out.println("Tomorrow is an instructional day");
            }
        };
        a1.display();
    }
}
```

OUTPUT:

