

H/W Discussion

```
(2.) import java.util.Scanner;
class multiplication
{
    psvm (String args[])
    {
        Scanner ob = new Scanner (System.in);
        SoplN ("Enter the value of N");
        int n = ob.nextInt();
        SoplN ("Enter the value of Z");
        int z = ob.nextInt();
        SoplN ("Table of " + n + " upto " + z);
        for (int i = 1; i <= z; i++)
        {
            SoplN (n * i);
        }
    }
}
```

(3)

i) class Series

```
{  
    psum(string args[])  
    {  
        for(int i=1; i<=10; i++)  
        {  
            println(i*i - 1 + " ");  
        }  
    }  
}
```

* `Sopln("Two + Two =" + 2 + 2);` $\rightarrow$ Two + Two = 2 + 2

* `Sopln(2 + 2);` $\rightarrow$ 4

* `Sopln(2 + 2 + " is the sum of 2 + 2");` $\rightarrow$ 4 is the sum of 2 + 2

* `Sopln("Two + Two =" + (2 + 2));` $\rightarrow$ Two + Two = 4

3 (ii) class Series

```
{  
    psum (String args[])
```

```
{
```

```
    for (int i = 1; i <= 55; i += 6)
```

```
    {
```

```
        System.out.println(i);
```

```
    }
```

```
}
```

```
}
```

$(1) (2) (3) (4) (5)$
 $\downarrow \downarrow \downarrow \downarrow \downarrow$
 Row 1 $\rightarrow$ 1 2 3 4 5
 Row 2 $\rightarrow$ 1 2 3 4
 Row 3 $\rightarrow$ 1 2 3
 Row 4 $\rightarrow$ 1 2
 Row 5 $\rightarrow$ 1

class Pattern
 {
 psvm (String args [])
 {
 Rows $\rightarrow$ for (int i=5; $i \geq 1$; i--)
 {
 Columns $\rightarrow$ for (int j=1; j $\leq$ i; j++)
 {
 sop (j);
 }
 sopln();
 }
 }
 }

i	j	Output
5	1	1 2 3 4 5
4		1 2 3 4
3		1 2 3
2		1 2
1		1
0		

(4) import java.util.Scanner;
class Biggest

```
{  
    psvm(String args[])  
    {  
        Scanner ob = new Scanner(System.in);  
        int n1, n2, bn, sbn;  
        sopln("Enter 1st no.");  
        int n1 = ob.nextInt();  
        sopln("Enter 999 no.s");  
        for (int i = 1; i <= 999; i++)  
        {  
            n2 = ob.nextInt();  
            if (n2 > n1)  
            {  
                bn = n2;  
                sbn = n1;  
                n1 = n2;  
            }  
        }  
        sopln("biggest no. = " + n2);  
        sopln("second biggest no. = " + n1);  
    }  
}
```

n1	n2	bn	sbn
20	21	21	20
21	<u>30</u>	30	21
30	19	30	21
	20		
	31	31	30