

Logic Building Session Day 5: March 2022

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```
For Loop
public class ForLoop {
public static void main(String[] args) {
    for(int i=1; i<=10; i++){
        System.out.println(i);
                                         i++
                                      Execute first & o/p
```

```
For Loop
public class ForLoop {
public static void main(String[] args) {
    for(int i=1; i<=10; i++){
        System.out.println(i);
                                         i++
                                      Execute first & o/p
                             ++i
                             Increment, Execute.o/p
```

```
class forLoop1
                                            Who can see what you share here? Recording
    public static void main(String args [])
         for(int i=1;i<5;i++)
                   if(i==3)//3 == 3
                   {break;}
              System.out.println(i);
```

```
class forLoop3
                                                 Who can see what you share here? Recording On
     public static void main(String args [])
                     2 3 4 5 7
          for(int i=1;i<10;i++)
                                                    Command Prompt
                     if(i==5)//5==5 true
                                                   C:\CDAC22>javac forLoop3.java
                         i++; //6
                                                   C:\CDAC22>java forLoop3
                          continue;
                System.out.println(i)
          } //6+1=7
                                                   C:\CDAC22>
```

```
class forLoop3
                                          Who can see what you share here? Recording
     public static void main(String args [])
         for(int i=1;i<10;i++)
                   if(i==5)//5==5

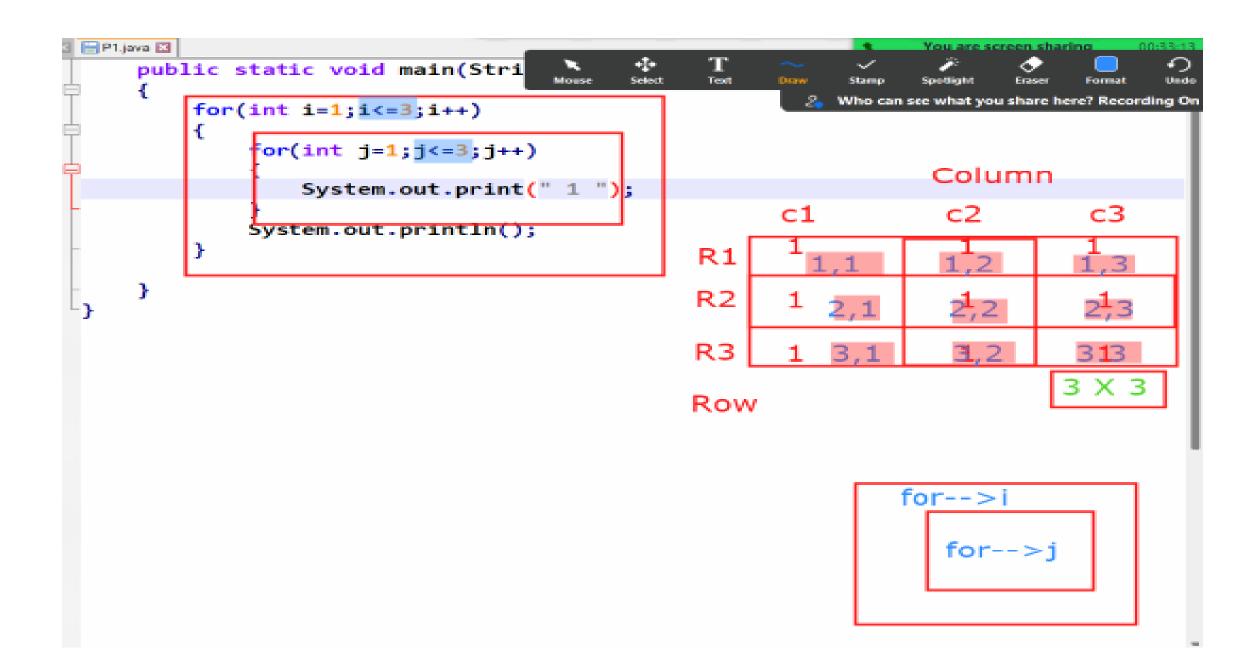
→Iteration

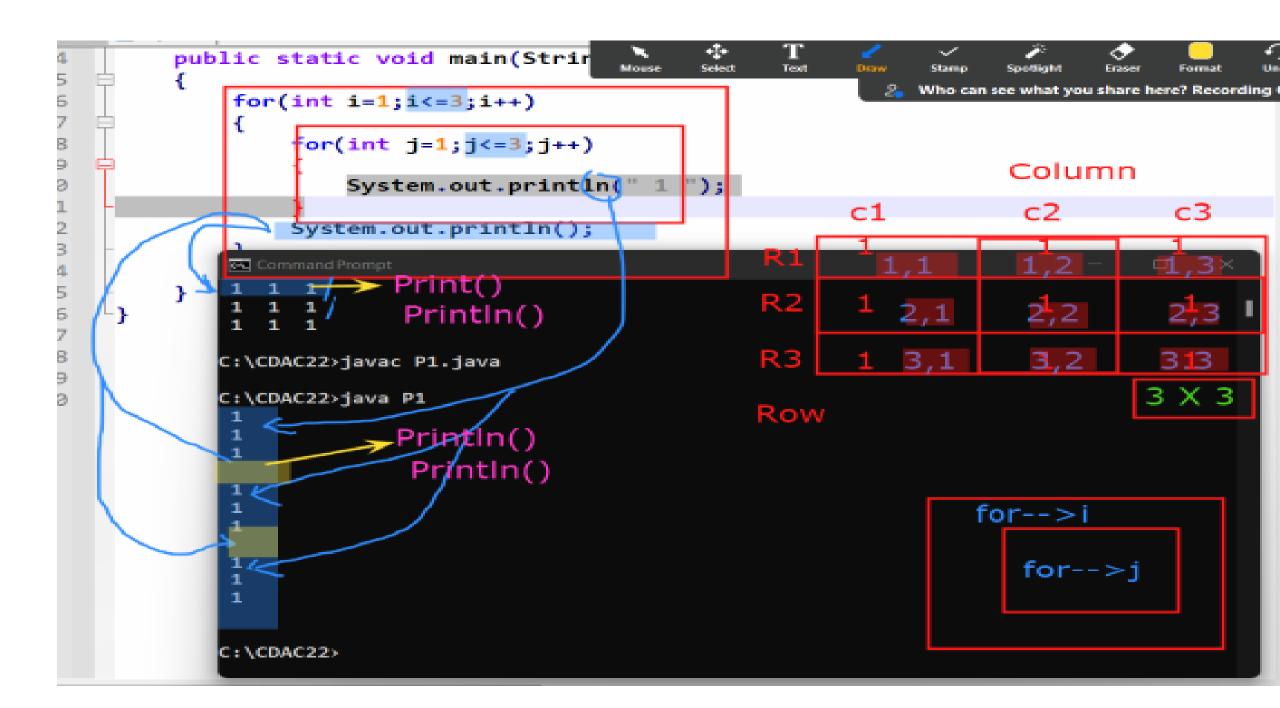
                        i++;
                                                i=1,2,3,4,...9
                        continue;
              System.out.println(i);
```

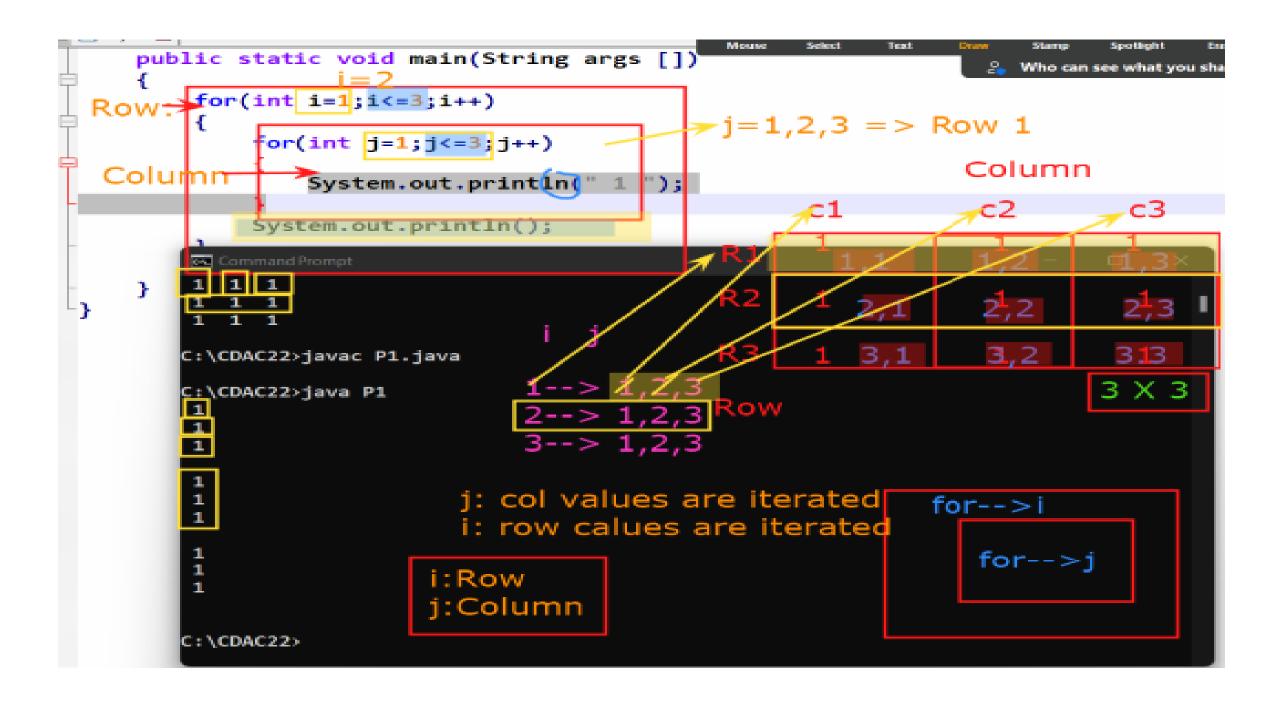
continue: skip the current iteration.

Command Prompt forLoop3.java:13: error: unreachable statement System.out.println(i); 1 error c1 c2 C:\CDAC22>javac P1.java C:\CDAC22>java P1 R2 Column R3 10 C:\CDAC22>javac P1.java C:\CDAC22>java P1 → Row 12345678910 C:\CDAC22>javac P1.java

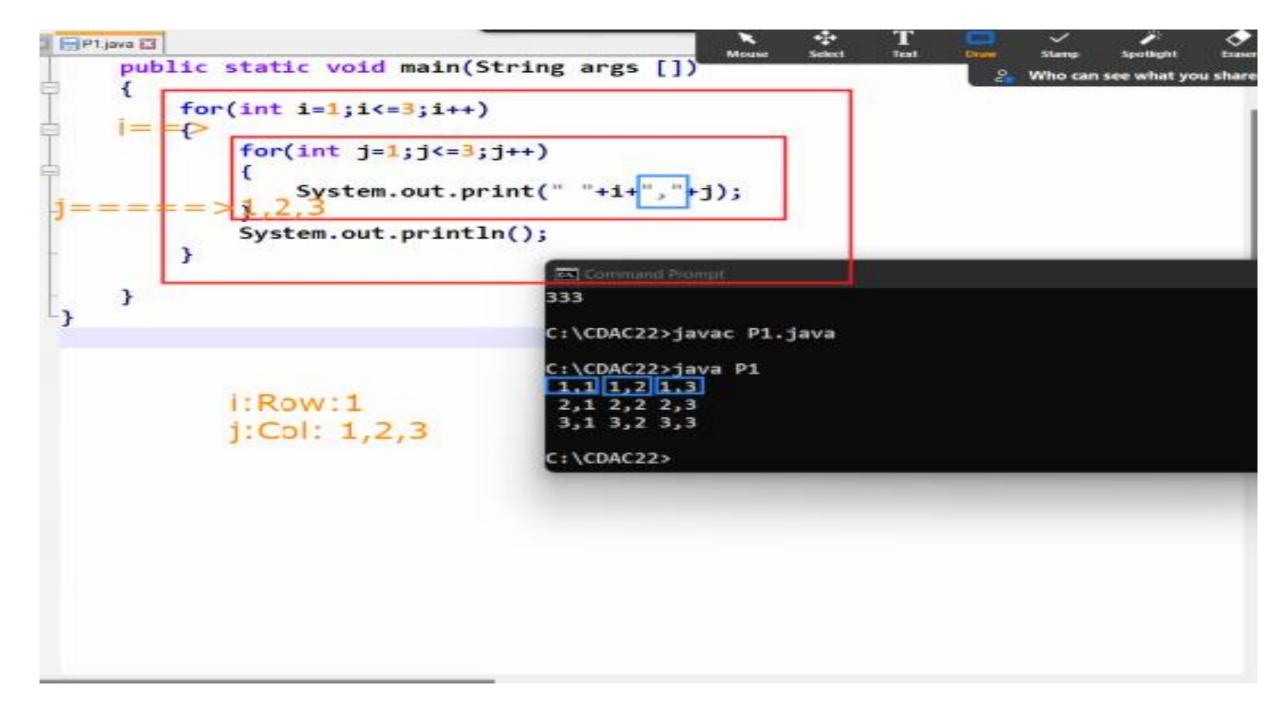
C:\CDAC22>java P1







```
public static void main(String args [])
                                                                Who can see what you sha
    for(int i=1;i<=3;i++)
                                          Command Prompt
        for(int j=1;j<=3;j++)
                                         C:\CDAC22>javac P1.java
            System.out.print(i);
                                         C:\CDAC22>java P1
        System.out.println();
                                         111
                                         222
                                         333
                                         C:\CDAC22>
       i:Row:1
       j:Col: 1,2,3
```



```
Who can see
class P3
    public static void main(String args [])
         for(int i=1;i<=5;i++)//Row
         {
             for(int j=1;j<=5;j++)//Column
                 System.out.print(j);
                                      64) Continand Prompt
             System.out.println();
                                     C:\CDAC22>javac P3.java
                                     C:\CDAC22>java P3
                                      11111
                                     22222
                                               Row:i
                                     33333
                                     44444
                                     55555
                                     C:\CDAC22>javac P3.java
                                     C:\CDAC22>java P3
                                     12345
                                     12345
                                                Column :j
                                     12345
                                     12345
                                     12345
                                     C:\CDAC22>
```

