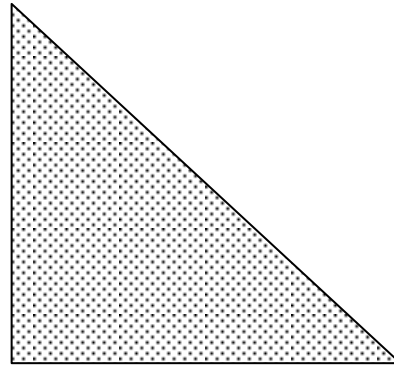


# Flow Controls



Name : G.G Thilina Madusan Dharmasena.

# 01



## Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

A screenshot of a Notepad window titled "triangularfirst - Notepad". The window contains the following Java code:

```
File Edit Format View Help
/* This is a code which is driowing a triangular.....
*/
class triangularfirst{
    //main method
    public static void main(String args []){

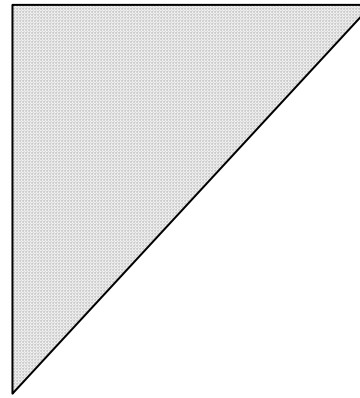
        //make a for loop .....
        for(int i = 0;i<10;i++){
            for(int x = 0; x<i;x++){
                system.out.print("*");
            }

            system.out.println("");
        }
    }
}
```

A screenshot of a Windows Command Prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The window shows the following commands and output:

```
D:\PCJT\assisement2>javac triangularfirst.java
D:\PCJT\assisement2>java triangularfirst
*
**
***
****
*****
*****
*****
*****
*****
*****
*****
D:\PCJT\assisement2>_
```

# 02

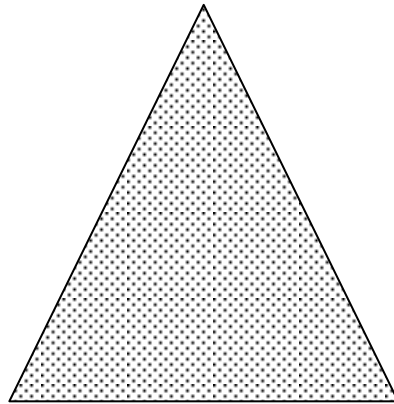


### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

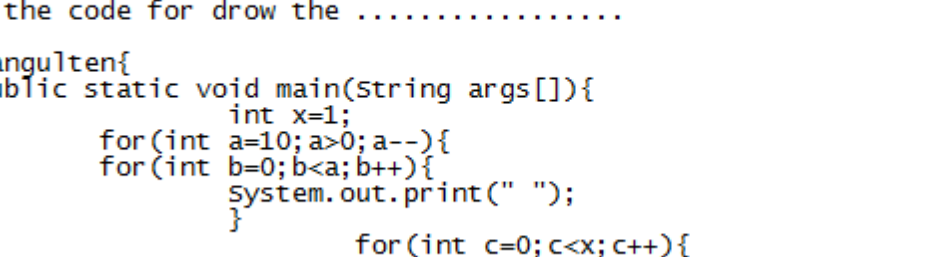
[illegible]

# 03



### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.



```
thiangulten - Notepad
File Edit Format View Help
//this is the code for draw the .....

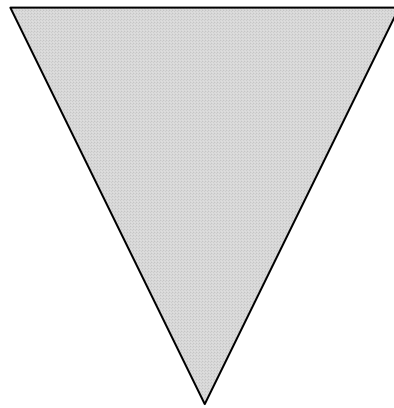
class thianguiten{
    public static void main(String args[]){
        int x=1;
        for(int a=10; a>0; a--){
            for(int b=0; b<a; b++){
                system.out.print(" ");
            }
            for(int c=0; c<x; c++){
                system.out.print("*");
            }

            x=x+2;
            system.out.println();
        }
    }
}
```

[illegible]



04



### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

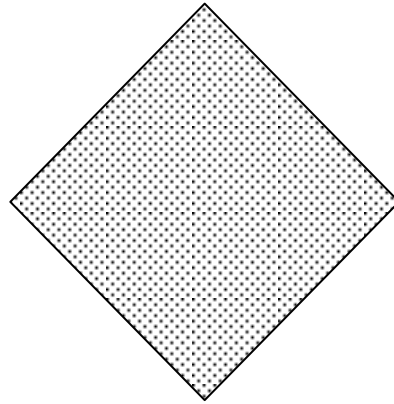
```
thiangulfive - Notepad
File Edit Format View Help
//this is the code for draw the .....|

class thiangulfive{
    public static void main(String args[]){
        for(int i=0;i<=22;i++){
            for(int n=0;n<=i;n++){
                system.out.print(" ");
            }
            for(int v=0;v<=(20-2*i);v++){
                system.out.print("*");
            }
            for(int c =1;c<=i;c++){
                system.out.print(" ");
            }

            system.out.println("");
        }
    }
}
```

[illegible]

## 05



### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

```

class thianguleleven{
    public static void main(String args[]){
        int x=1;
        for(int i=11;i>0;i--){
            for(int n=0;n<i;n++){
                system.out.print(" ");
            }
            for(int v=0;v<x;v++){
                system.out.print("*");
            }

            x=x+2;
            system.out.println();
        }
        for(int i=0;i<=22;i++){
            for(int n=0;n<=i;n++){
                system.out.print(" ");
            }
            for(int v=0;v<=(20-2*i);v++){
                system.out.print("*");
            }

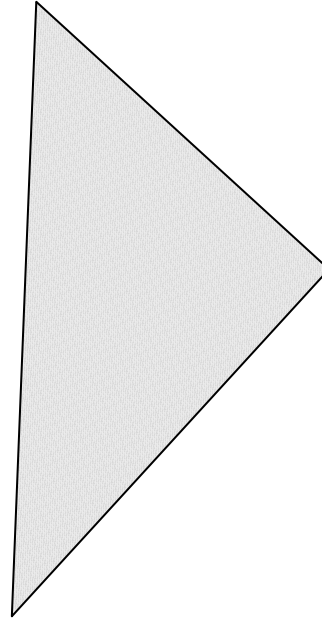
            for(int c=1;c<=i;c++){
                system.out.print(" ");
            }

            system.out.println("");
        }
    }
}

```

[illegible]

## 06

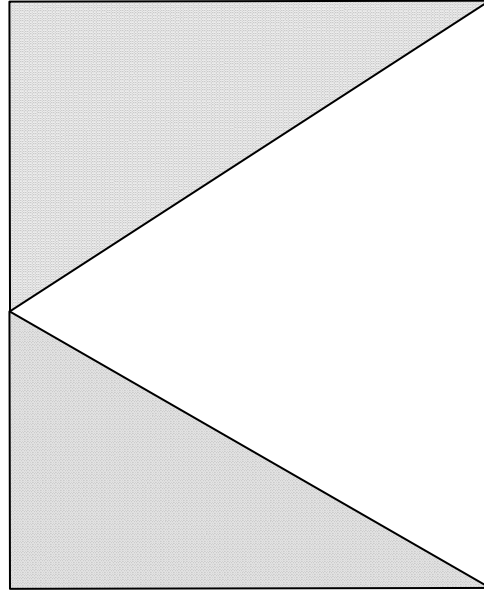


### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

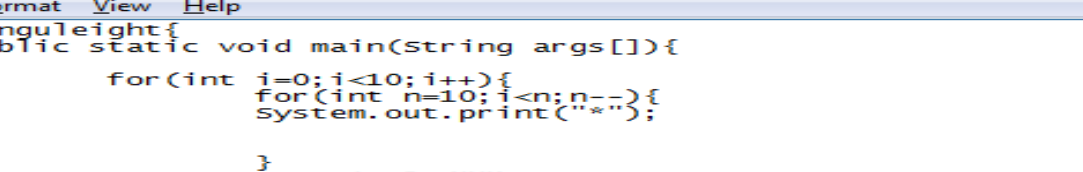
[illegible]

## 07



### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.



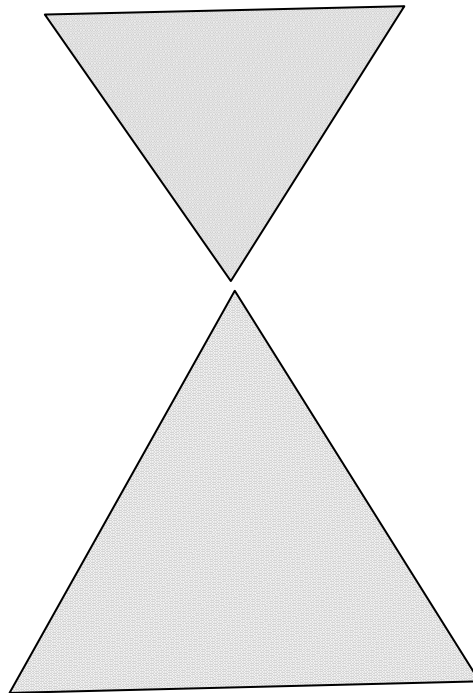
```
thianguleight - Notepad
File Edit Format View Help
class thianguleight{
    public static void main(String args[]){
        for(int i=0; i<10; i++){
            for(int n=10; i<n; n--){
                System.out.print("*");
            }
            System.out.println("");
        }

        for(int m=1; m<11; m++){
            for(int n=1; m>=n; n++){
                System.out.print("*");
            }
            System.out.println("");
        }
    }
}
```

[illegible]



## 08



### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

```
thiangulSmall - Notepad
File Edit Format View Help

class thiangulSmall{
    public static void main(String args[]){
        int x,a,b,c,d,e,f;
        int y =1;

        x=9;

        for (a=6; a<11; a++){
            for (b=0; b<a; b++){

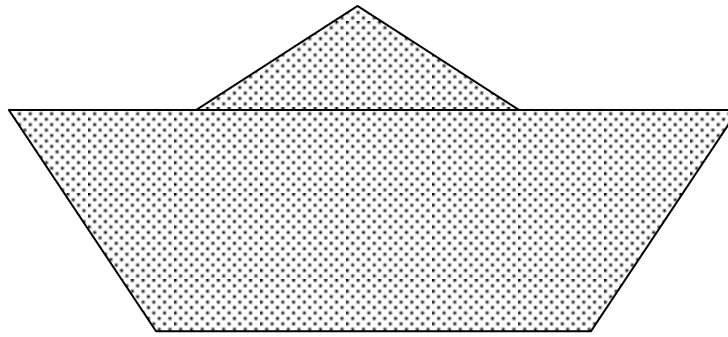
                System.out.print(" ");
            }
            for (c=0; c<x; c++){
                System.out.print("*");
            }
            x-=2;
            System.out.println("");
        }

        for (d=10; d>0; d--){
            for (e=0; e<d; e++){
                System.out.print(" ");
            }
            for (f=0; f<y; f++){
                System.out.print("*");
            }

            y+=2;
            System.out.println("");
        }
    }
}
```

[illegible]

09



### Draw the triangular using Java code

In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

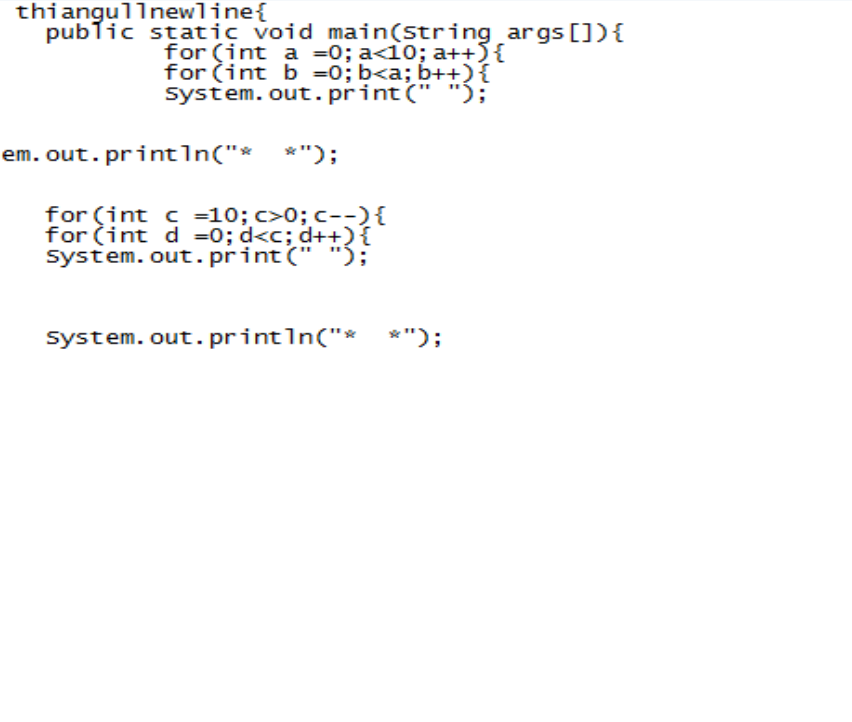
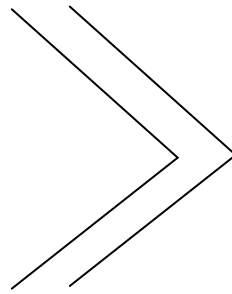
```

class thianguallarge{
    public static void main(String args[]){
        int x,y;
        x =1;
        y =31;
        for(int a =14;a>7;a--){
            for(int b=0;b<a;b++){
                system.out.print(" ");
            }
            for(int c=0;c<x;c++){
                system.out.print("*");
            }
            x+=2;
            System.out.println("");
        }
        for(int d =0;d<8;d++){
            for(int e=0;e<d;e++){
                system.out.print(" ");
            }
            for(int f =0;f<y;f++){
                system.out.print("*");
            }
            y=y-2;
            System.out.println("");
        }
    }
}

```

[illegible]

# 10



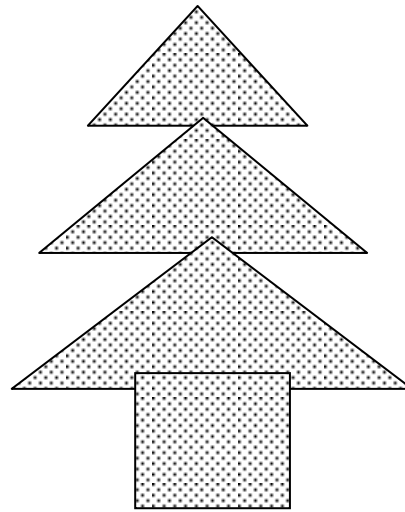
```
File Edit Format View Help
class thianguiline{
    public static void main(String args[]){
        for(int a =0;a<10;a++){
            for(int b =0;b<a;b++){
                system.out.print(" ");
            }
            system.out.println("*  ");
        }

        for(int c =10;c>0;c--){
            for(int d =0;d<c;d++){
                system.out.print(" ");
            }

            system.out.println("*  ");
        }
    }
}
```

[illegible]

# 11



In this example, I will use Notepad, a simple editor included with the Windows platforms. You can easily adapt these instructions if you use a different text editor.

Two screenshots from a Windows environment. The left screenshot shows a command prompt window titled 'Administrator: C:\Windows\system32\cmd...' with the following commands and output:

```
D:\PCJT\Flow controls>javac thianguiltwelve.  
D:\PCJT\Flow controls>java thianguiltwelve
```

The output is a text-based representation of a Christmas tree, consisting of three sections of triangles made of asterisks, followed by a rectangular base also made of asterisks. The right screenshot shows a Notepad window titled 'thianguiltwelve - Notepad' containing the following Java code:

```
// Drowing crismas tree  
  
class thianguiltwelve{  
    static void p(){  
        int x=1;  
        for(int i=17;i>0;i--){  
            for(int n=0;n<i;n++){  
                system.out.print(" ");  
            }  
            for(int v=0;v<x;v++){  
                system.out.print("*");  
            }  
            x=x+2;  
            system.out.println();  
        }  
    }  
  
    public static void main(String args[]){  
        for(int l=0;l<3;l++){  
            thianguiltwelve.p();  
        }  
  
        for(int m=0;m<13;m++){  
            system.out.print(" ");  
            for(int l=0;l<6;l++){  
                system.out.print(" *");  
            }  
            system.out.println("");  
        }  
    }  
}
```

