DO-WHILE Loops

1. DO-WHILE loop
2. Debugging DO-WHILE loop

DO-WHILE loop

1. DO-WHILE loop

WHILE

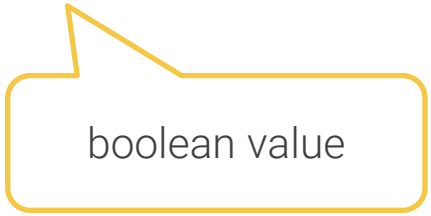
```
while (condition) {
  //code block
  // will execute as long as condition is true
}
```

DO-WHILE

```
do{
//code block
// will execute as long as condition is true
} while (condition) ;
```

1. DO-WHILE loop

```
do{
//code block
// will execute as long as condition is true
} while (condition) ;
//more code
```



1. DO-WHILE loop

```
do{
//code block
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} while (condition) ;
//more code
```

boolean value

Iteration

1. DO-WHILE loop

```
do{
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//more code
```

DO-WHILE

Haz esto y continua haciéndolo mientras se cumpla la condición

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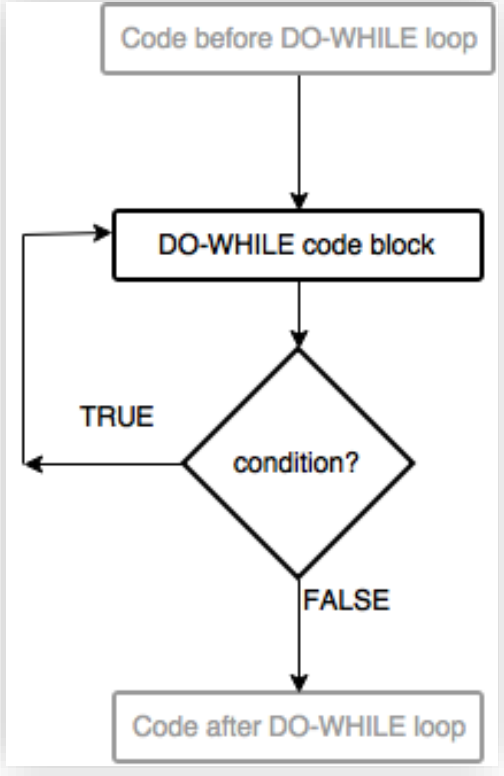

1. DO-WHILE loop

WHILE

```
final int TABLA=  5;
int i = 1;
while (i<=10){
  System.out.println(i+” x ”+TABLA+” = ”+(i*TABLA));
  i++;
}
```

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final int TABLA=  5;
int i = 1;
do{
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  i++;
}while(i<=10);
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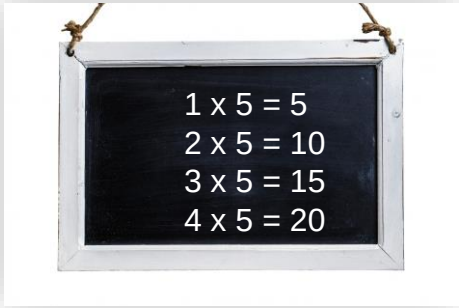
DO-WHILE



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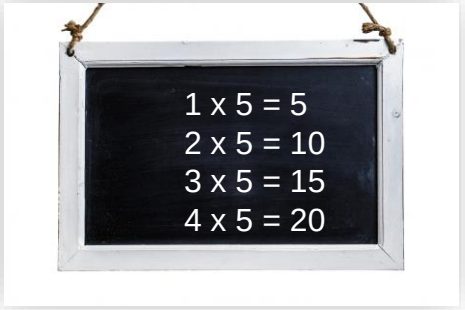

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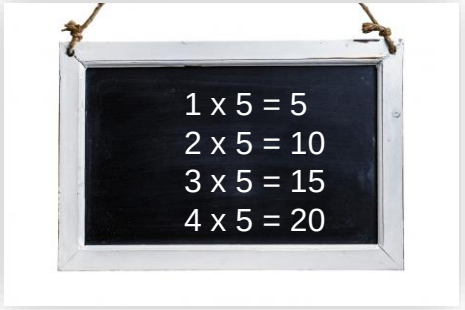

1. DO-WHILE loop

WHILE

```
int letterIntValue = 65; //A

while (letterIntValue <=90) {
  char letter = (char) letterIntValue;
  System.out.println(letter);
  letterIntValue++;
}
```

DO-WHILE

```
int letterIntValue = 65; //A

do{
   char letter = (char) letterIntValue;
   System.out.println(letter);
   letterIntValue++;
} while (letterIntValue <=90) ;
```

1. DO-WHILE loop

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while (condicion) {
  //code block
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}
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DO-WHILE

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do{
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The code block will execute at least once

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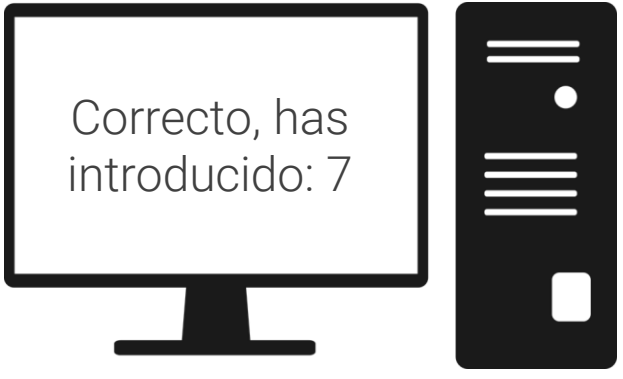

1. DO-WHILE loop

```
import java.util.Scanner;
public class Main {
  public static void main (String[] args) {
    Scanner input = new Scanner(System.in);
    int valorUsuario = 0;
    do {
      System.out.println(”Introduce un valor entero entre 1 y 10: ");
      valorUsuario = input.nextInt();
      input.nextLine();
    } while ((valorUsuario < 1)||(valorUsuario > 10));
    System.out.println(”Correcto, has introducido" + valorUsuario);
  }
}
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Debugging DO-WHILE loop

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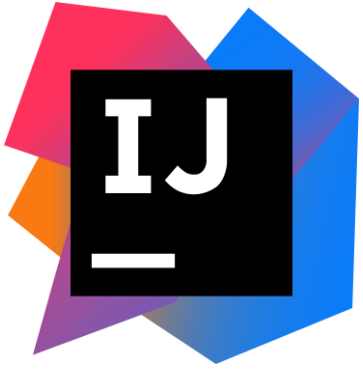

“La función de un buen software es hacer que lo complejo aparente ser simple“

Grady Booch