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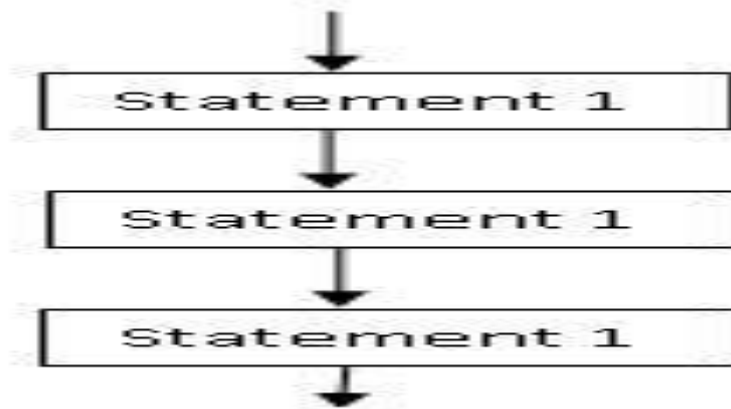
Java Control Structures

Presented by

Statement Structures

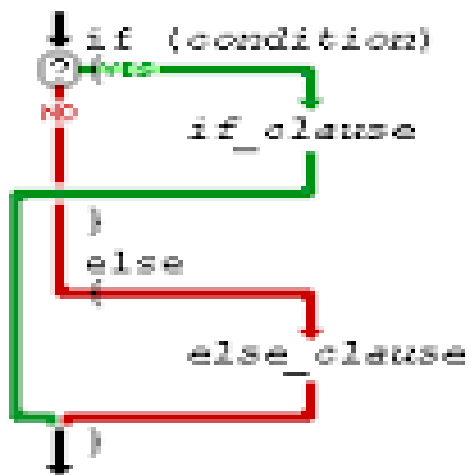
Def : Types of statements

1. Sequential Structures :

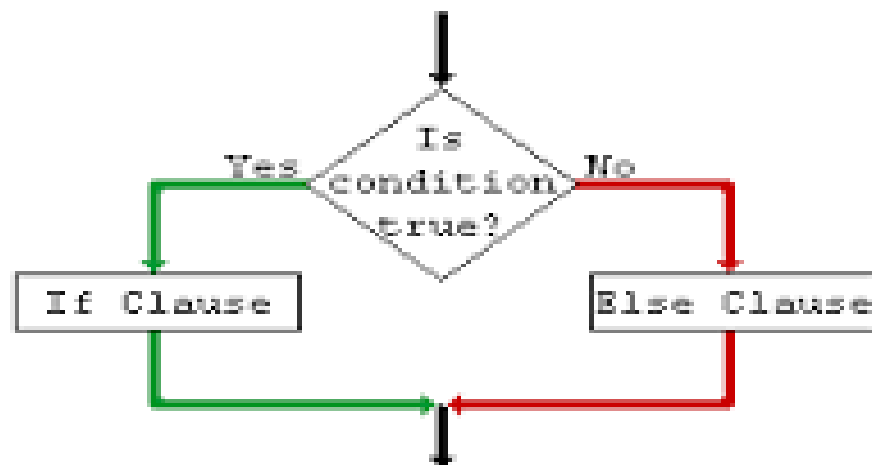


Control Structures – if..else

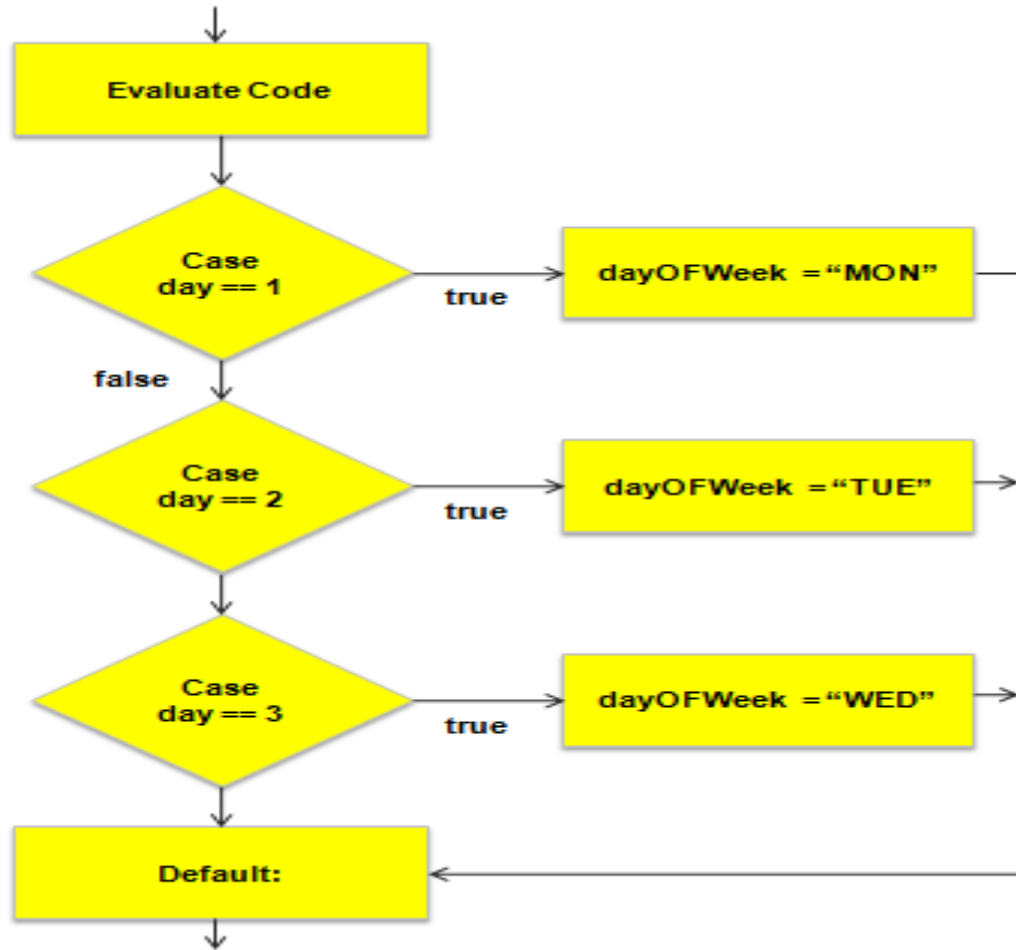
Program Syntax



Structure Chart



Control Structures – switch..case

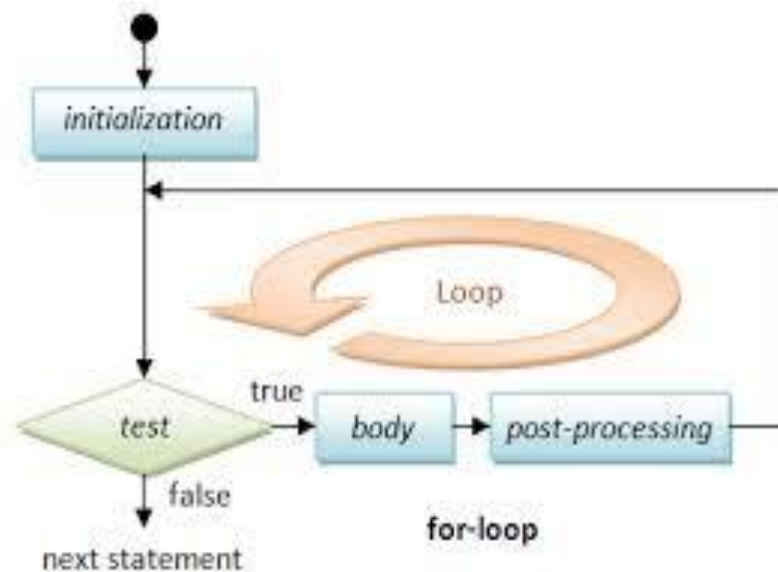


Control Structures – switch..case

```
char Grade = 'A';  
switch(Grade) // switch(statement)  
{  
    case 'A':  
        System.out.println("Excellent");  
        break;  
    case 'B':  
        System.out.println("Very good");  
        break;  
    case 'C':  
        System.out.println("Good");  
    case 'D':  
        System.out.println("Average");  
        break;  
    default:  
        System.out.println("Enter the value between A - D");  
}
```



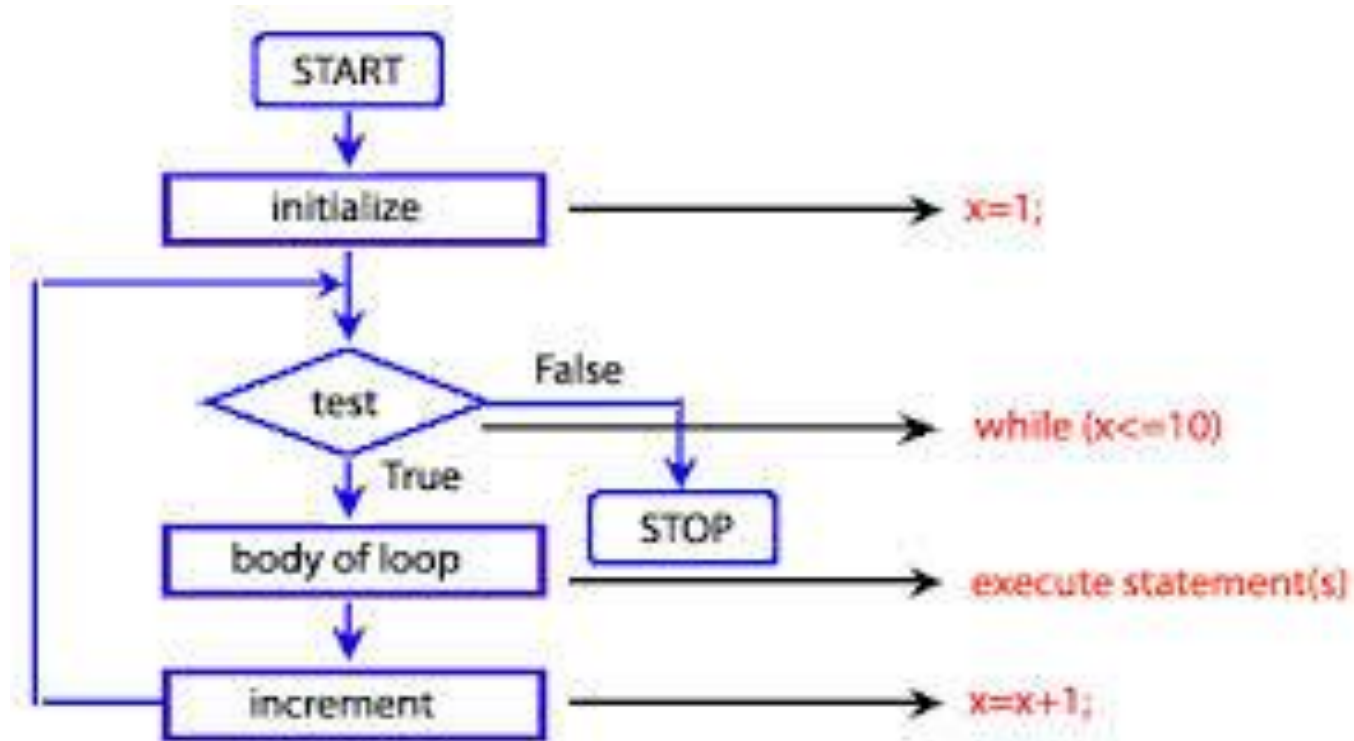
Control Structures – for loop



```
public static void main(String[] args) {  
  
    int loopVal;  
    int end_value = 11;  
    int addition = 0;  
  
    for (loopVal = 1; loopVal < end_value; loopVal++) {  
  
        addition = addition + loopVal;  
    }  
  
    System.out.println("Total = " + addition);  
}
```

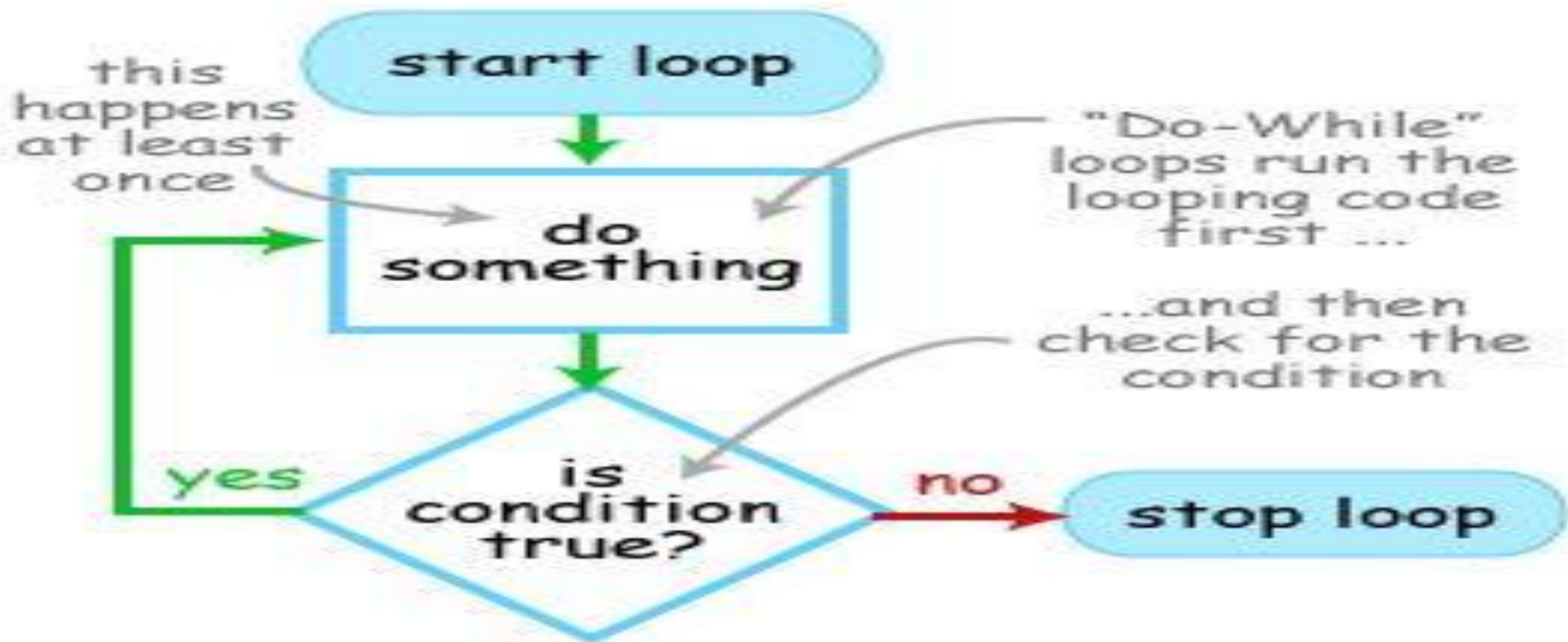


Control Structures – while loop



Control Structures – do...while loop

Do-While Loop



Control Structures – do...while loop

```
int counter = 0;  
do {  
    System.out.println("Will I print?");  
} while (counter > 0);
```



