

Class 08

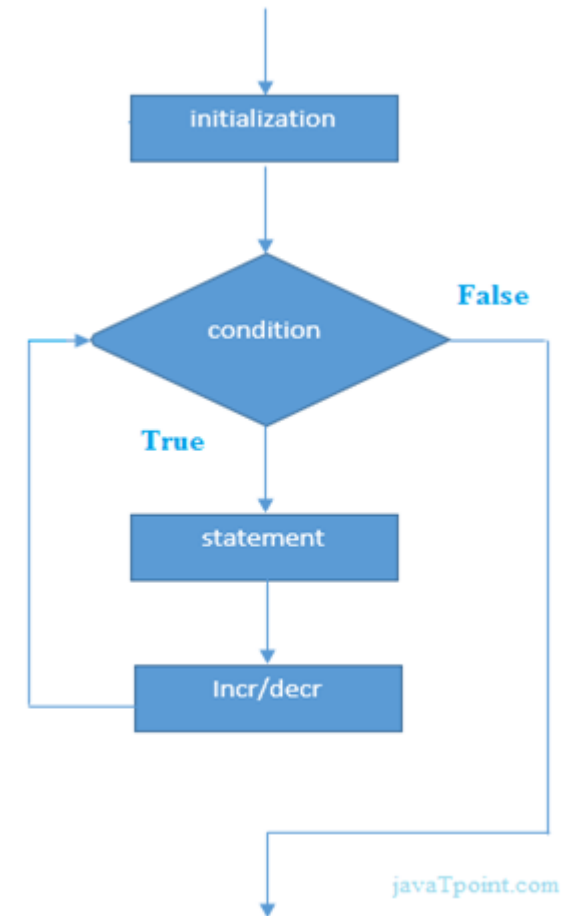
For Loops, Nested Loops

Example 1 – FizzBuzz Problem

- Goal: Print integers 1 to n , but:
 - Print “Fizz” if n is divisible by 3;
 - Print “Buzz” if n is divisible by 5;
 - Print “FizzBuzz” if n is divisible by both 3 and 5.

Example 2

- Goal: Print squares of numbers 1, 2, ..., 19, 20



Example 3

- Goal: Print line of twenty *s

Example 4

- Goal: Print a 5x5 square of *s

Nested For Loops

```
for(int row = 1; row <= 5; row++){  
    for(int col = 1; col <= 5; col++){  
        cout << "*";  
    }  
    cout << endl;  
}
```

