

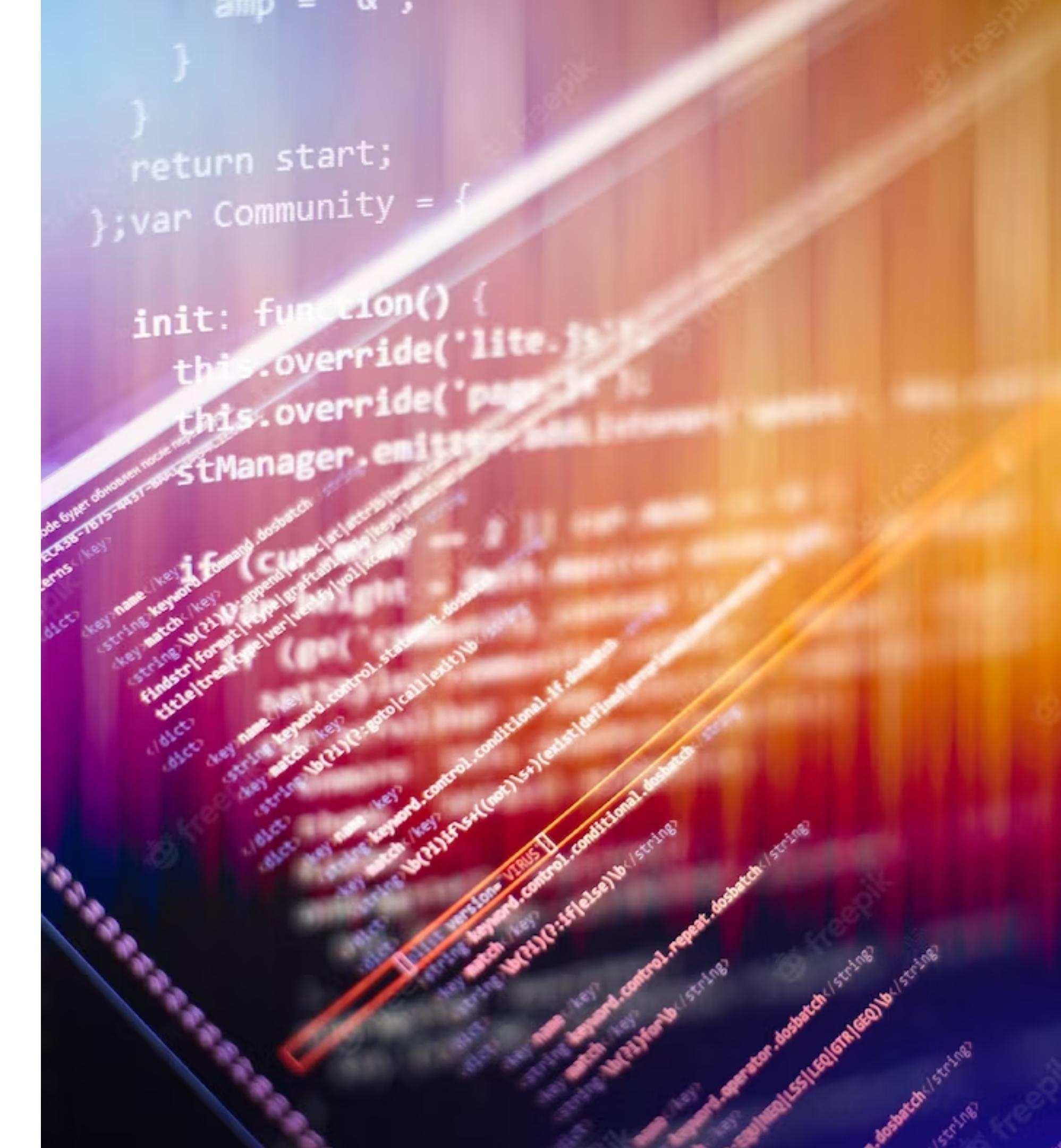


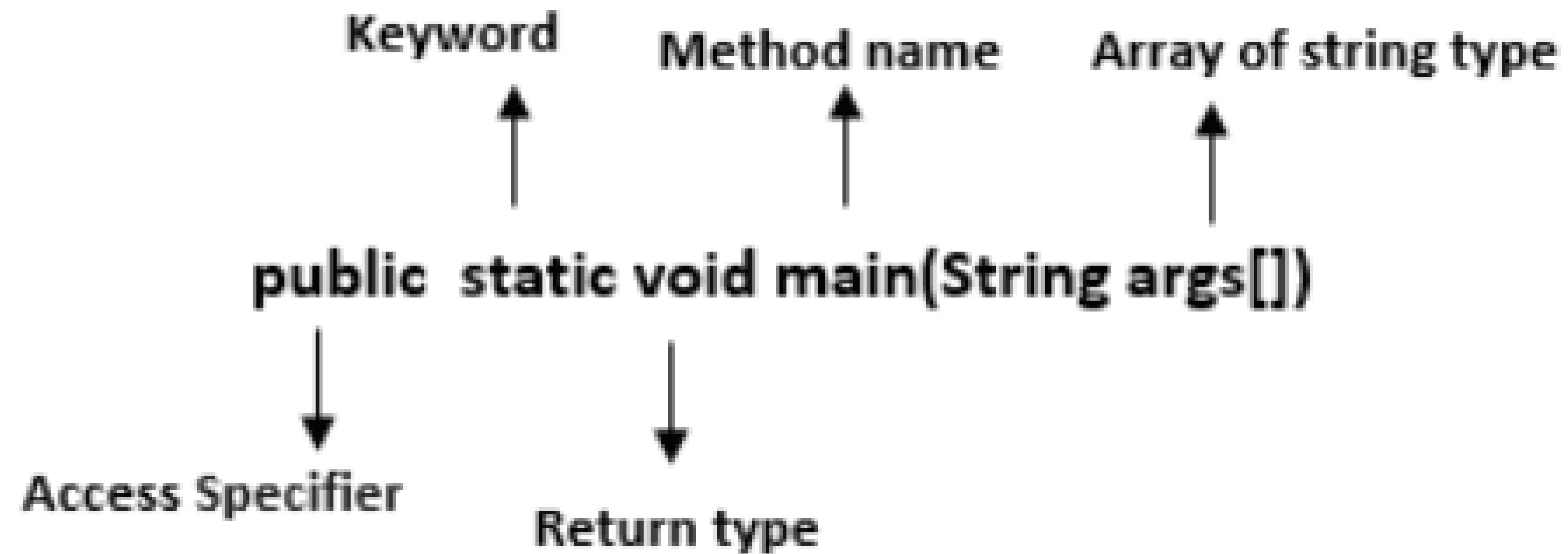
# The Ins and Outs of Java Main Method

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# Introduction

**Java Main Method** is the entry point of any Java program. It is the first method invoked when a program starts executing. Understanding the intricacies of the Java Main Method is essential for any Java developer.



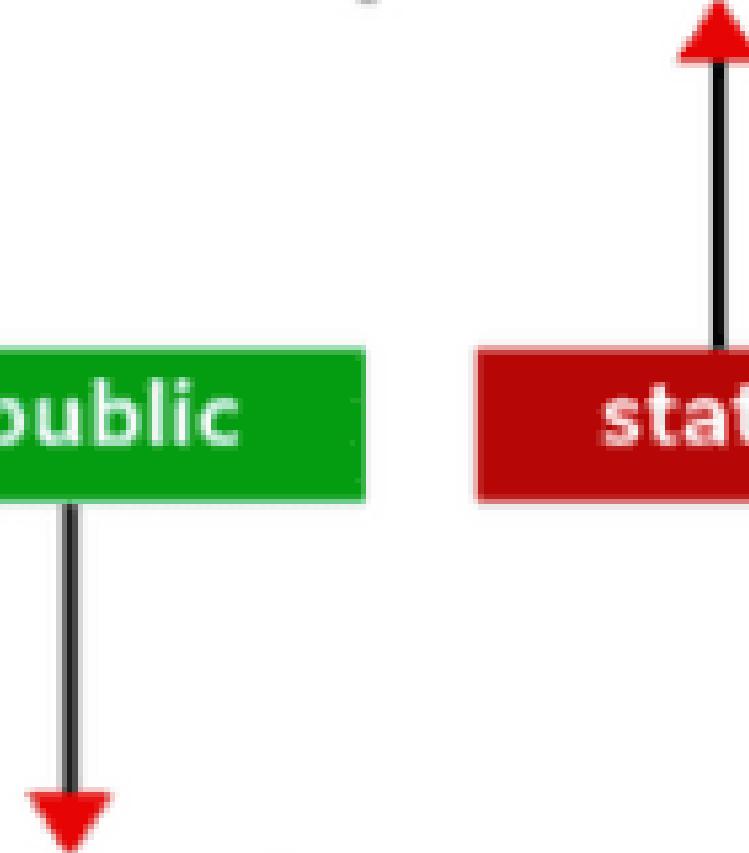


Makes it class method so that it can be called using class name without creating an object of the class.

public

static

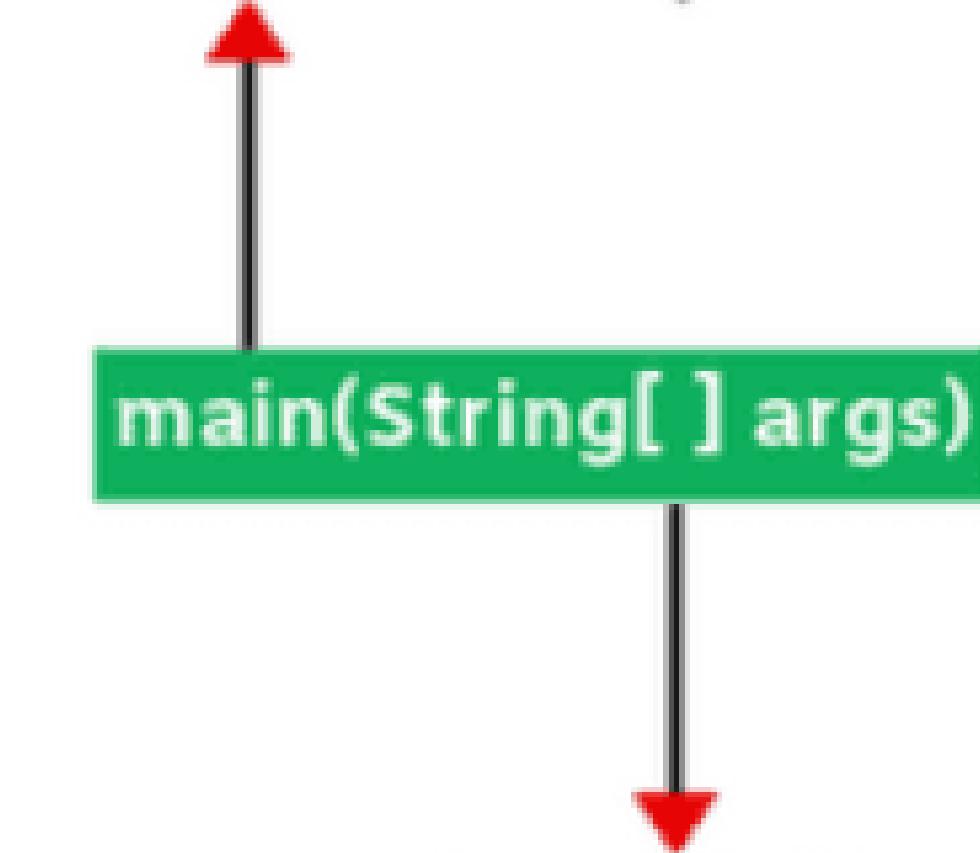
void



To call by JVM from anywhere

Name of the method which is called by JVM.

main(String[ ] args)



main method does not return value to JVM.

The main() method accepts one argument of type String array.

# Syntax

The syntax of the Java Main Method is:

**public static void main(String[] args)**

**public** - access modifier

**static** - method can be called without

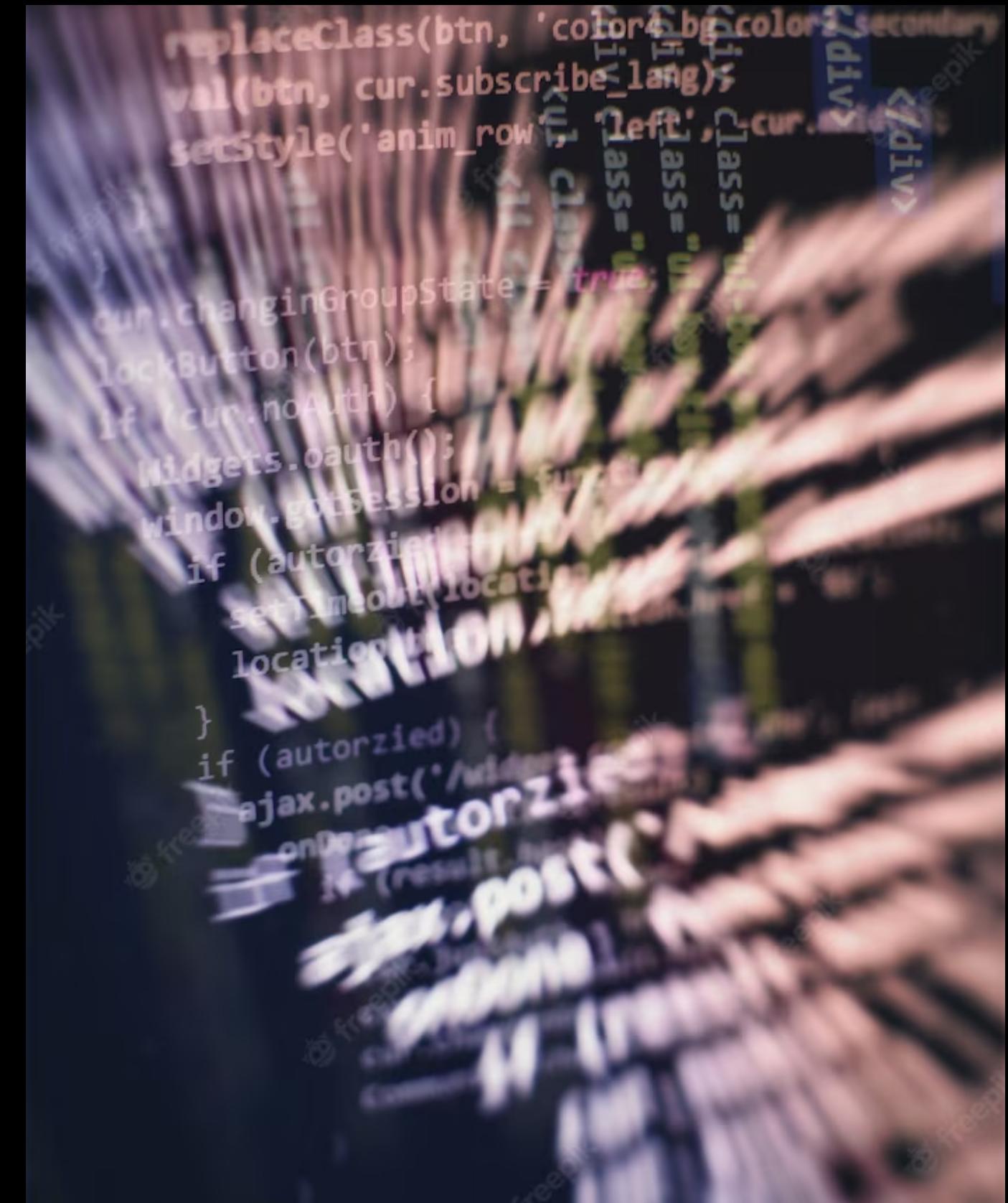
creating an instance of the class

**void** - does not return any value

**main** - method name

**String[] args** - command-line

arguments passed to the program



# Arguments

The `args` parameter is an array of strings that hold any command-line arguments passed to the program.

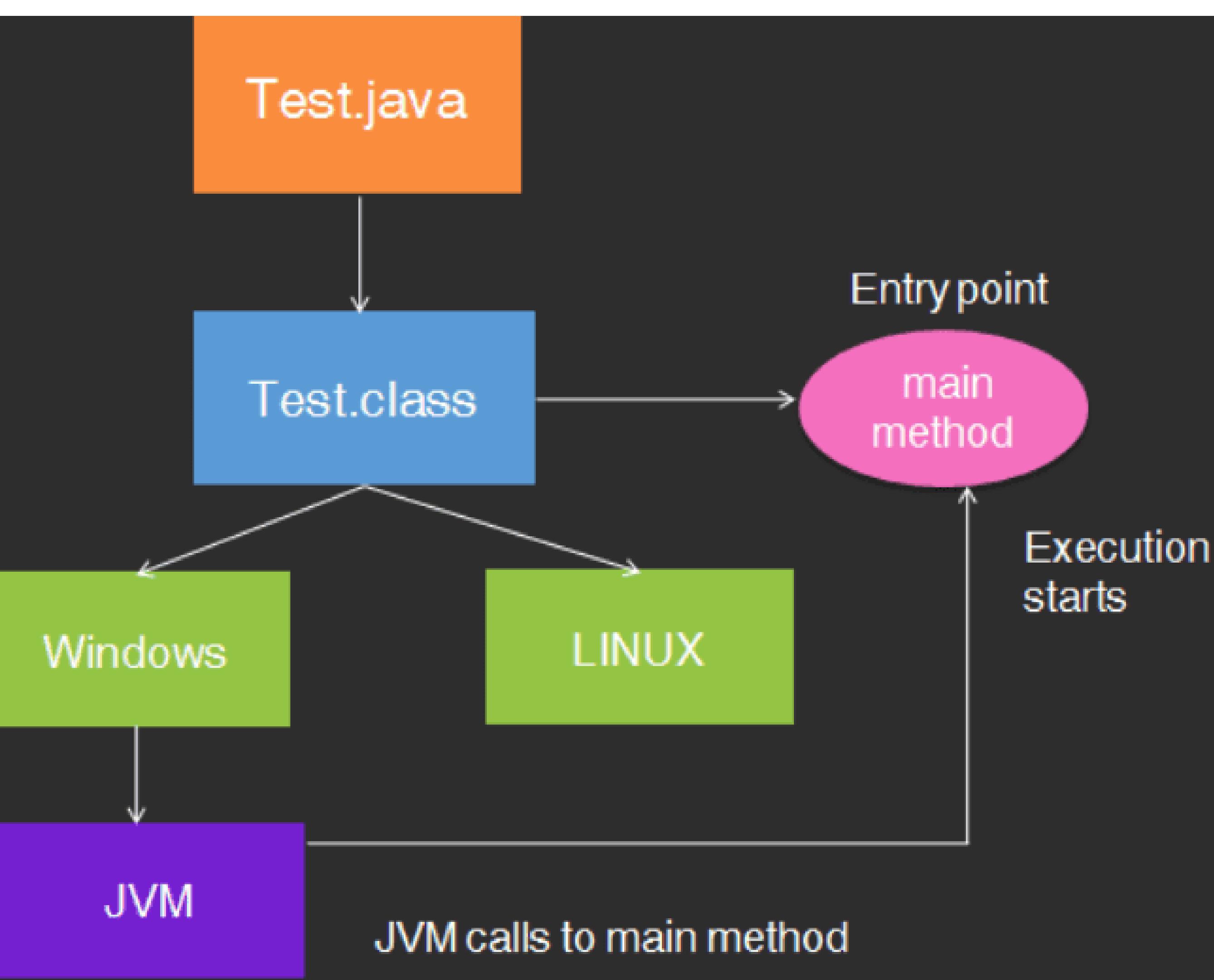
`args.length` - gives the number of command-line arguments passed  
`args[index]` - gets the argument at the specified index

LEN	лен. Подкладка: 100% хлопок
EN	Main fabric: 85% viscose/ 15% linen. lining: 100% cotton
DE	Hauptwebstoff: 85% viskose/ 15% flachs. Futter: 100% baumwolle
ES	tela principal: 85% viscosa/ 15% lino. forro: 100% algodón
FR	tissu principal: 85% viscose/ 15% lin. Doublure: 100% le coton
IT	tessuto principale: 85% viscosa/ 15% lino. Baiettone: 100% cotone
PL	Tkanina główna: 85% wiskoza/ 15% len. Podszewka: 100% bawełna
PT	tecido-base: 85% viscose/ 15% linho. Forra: 100% algodão
TR	ana kumaş: 85% viskon/ 15% keten. Astar: 100% pamuk
CN	基本布: 85% 黏胶纤维/ 15% 亚麻. 里子: 100% 棉



# Return type

The Java Main Method does not return any value. To indicate a successful execution, the method should exit with a status code of ``. To indicate an error, the method should exit with a non-zero status code.



class keyword

classname

static keyword

return type

public  
keyword

block  
data  
type

end of class

end of main method

```
1 class MyFirstProgram
2 {
3     public static void main(String [] args)
4     {
5         System.out.println("hello java");
6         {
7             int a = 10;
8             System.out.println(a);
9         }
10    }
11 }
```

main method

parameter type

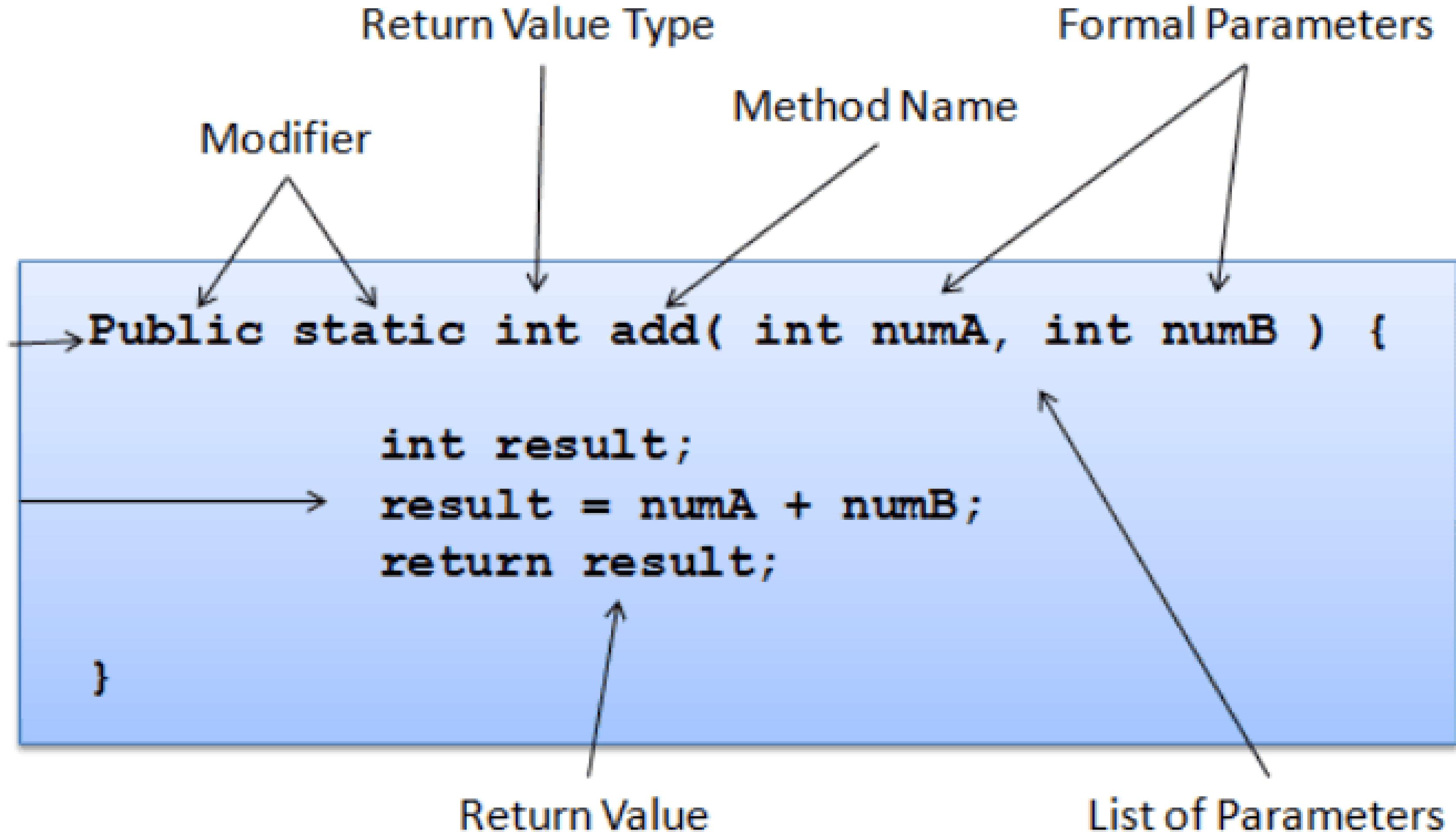
parameter name

statement

statement

statement

Method Header  
Method Body



# Conclusion

In conclusion, the Java Main Method is the entry point of any Java program. It has a specific syntax and can accept command-line arguments. It does not return any value but can throw exceptions. Understanding the Java Main Method is crucial for any Java developer.

# Thanks!

