CODING SHUTTLE

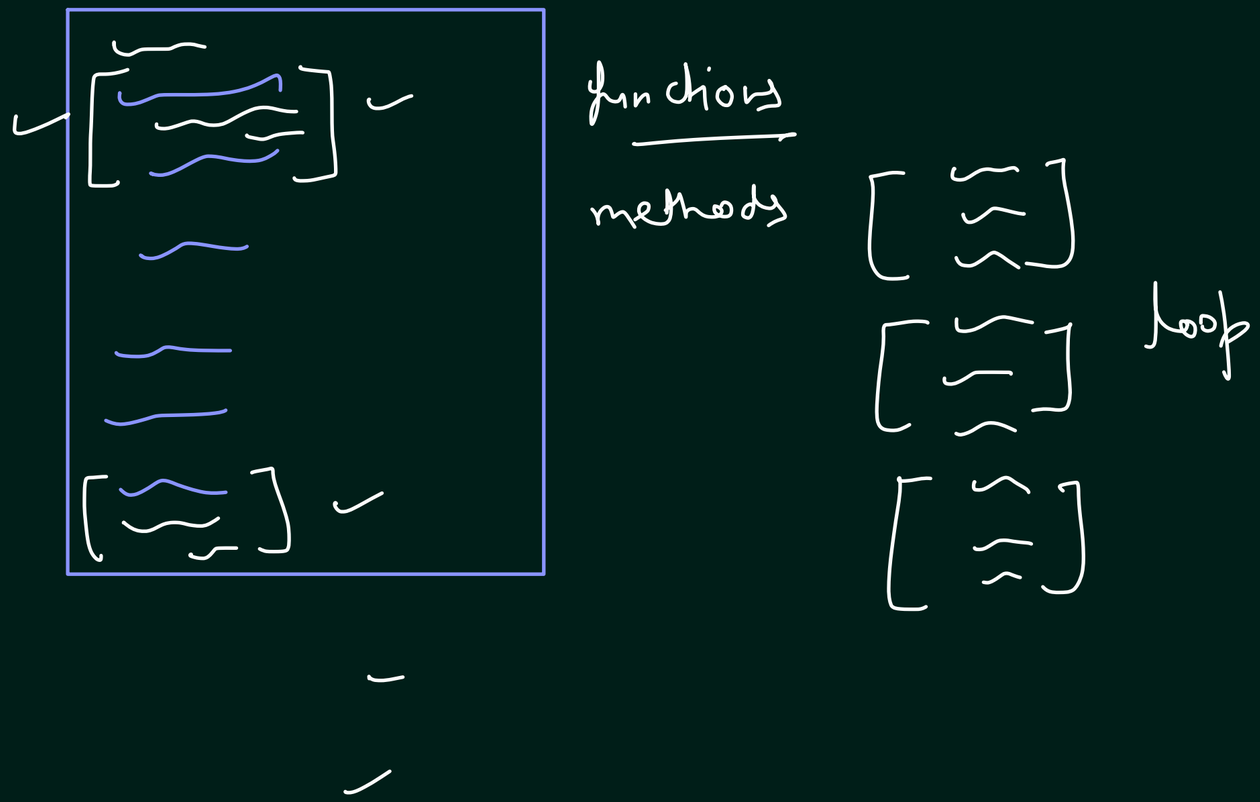
Methods in Java

In This Lecture

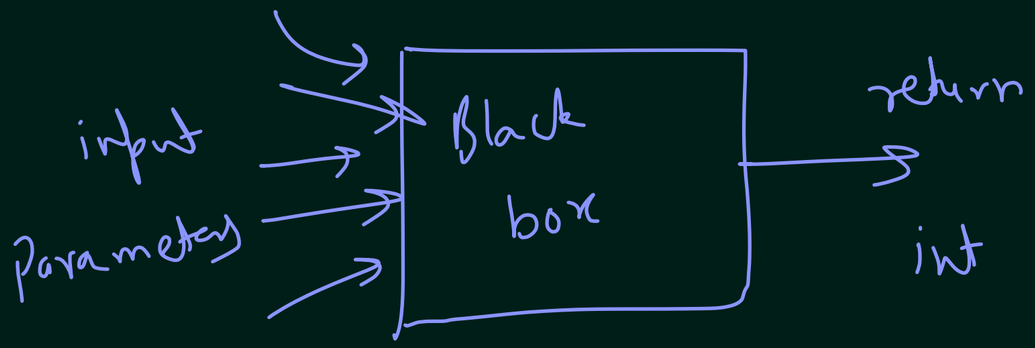
1. How do the functions work?
2. Declaring a Java Method
3. Calling a Method
4. Method return type
5. Method Parameters
6. Math Library Methods

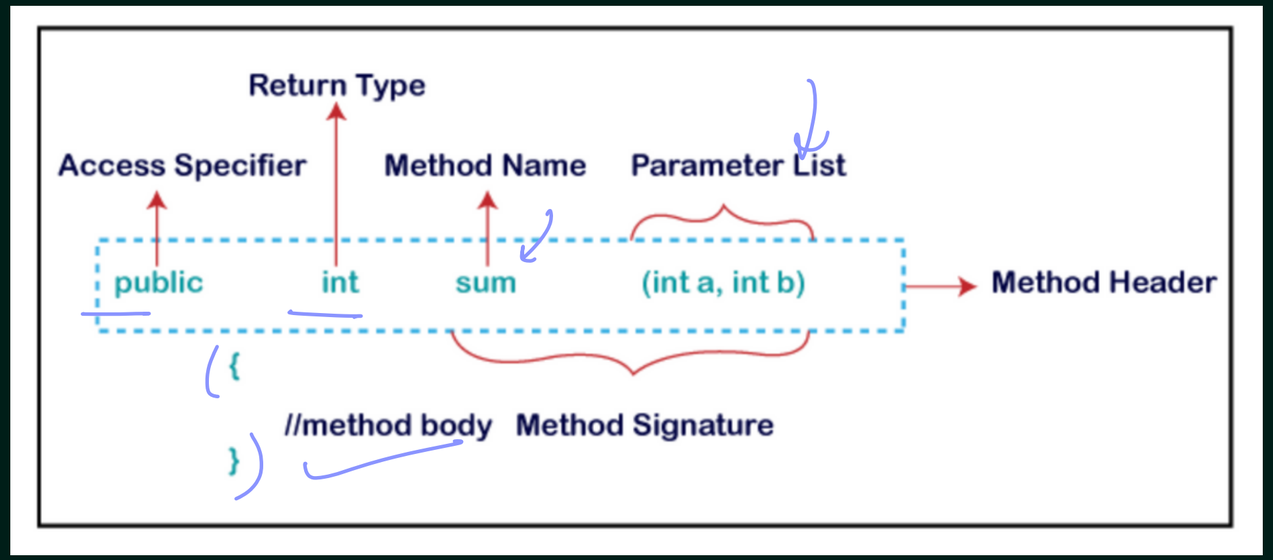
How do the Methods work?

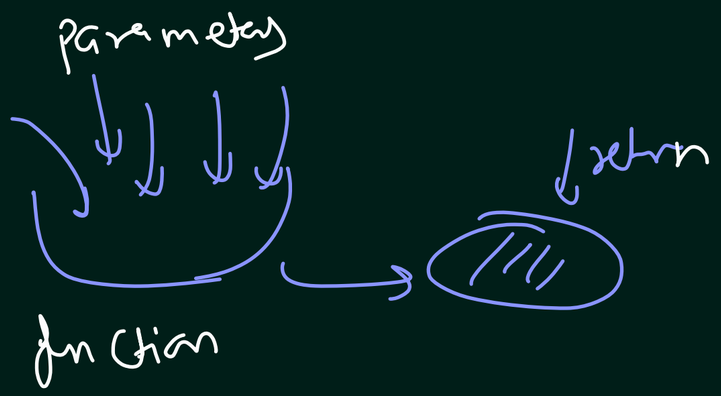
A method is a block of code or collection of statements or a set of code grouped together to perform a certain task or operation. It is used to achieve the reusability of code.



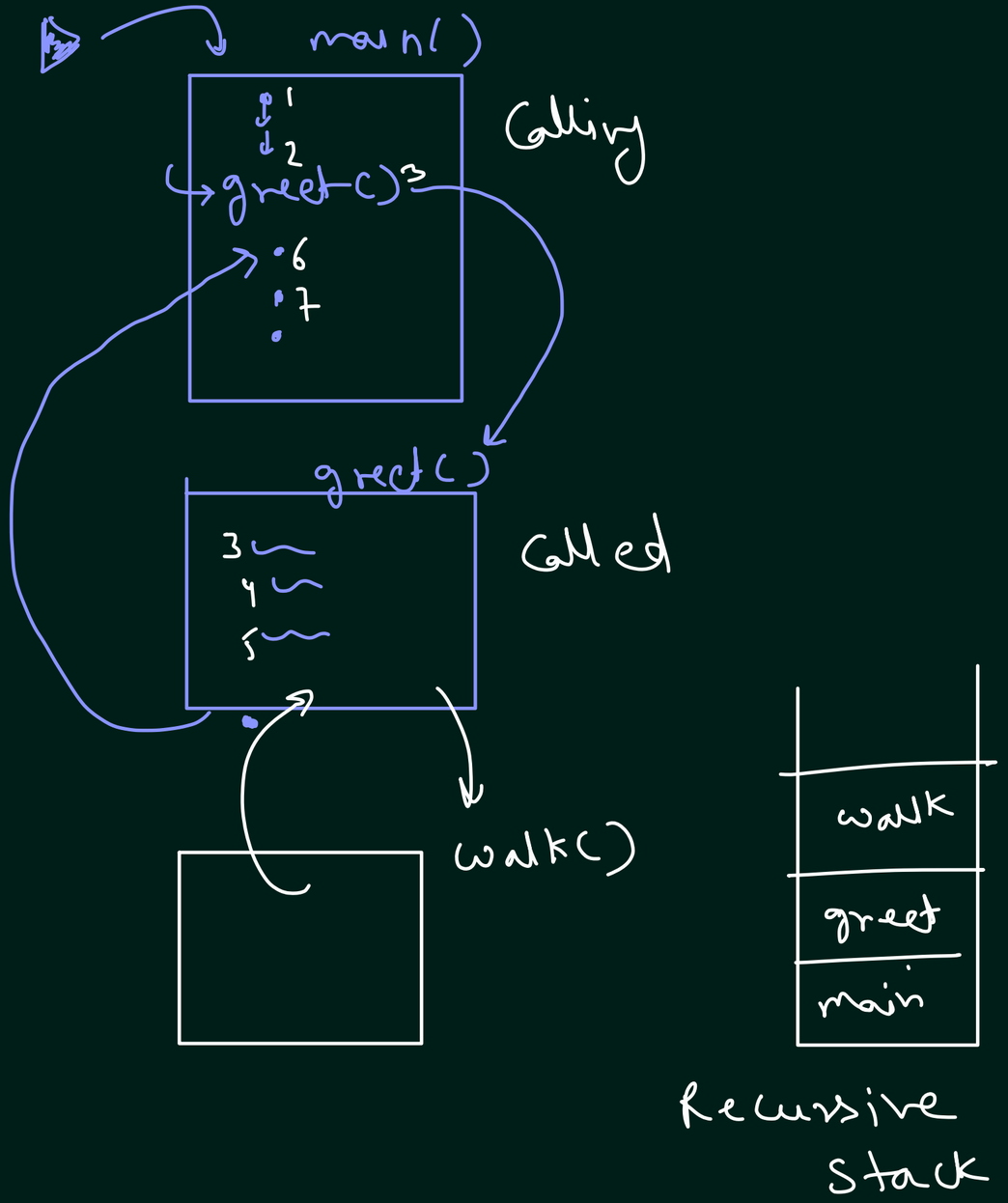
Components of a Method







Calling a Method

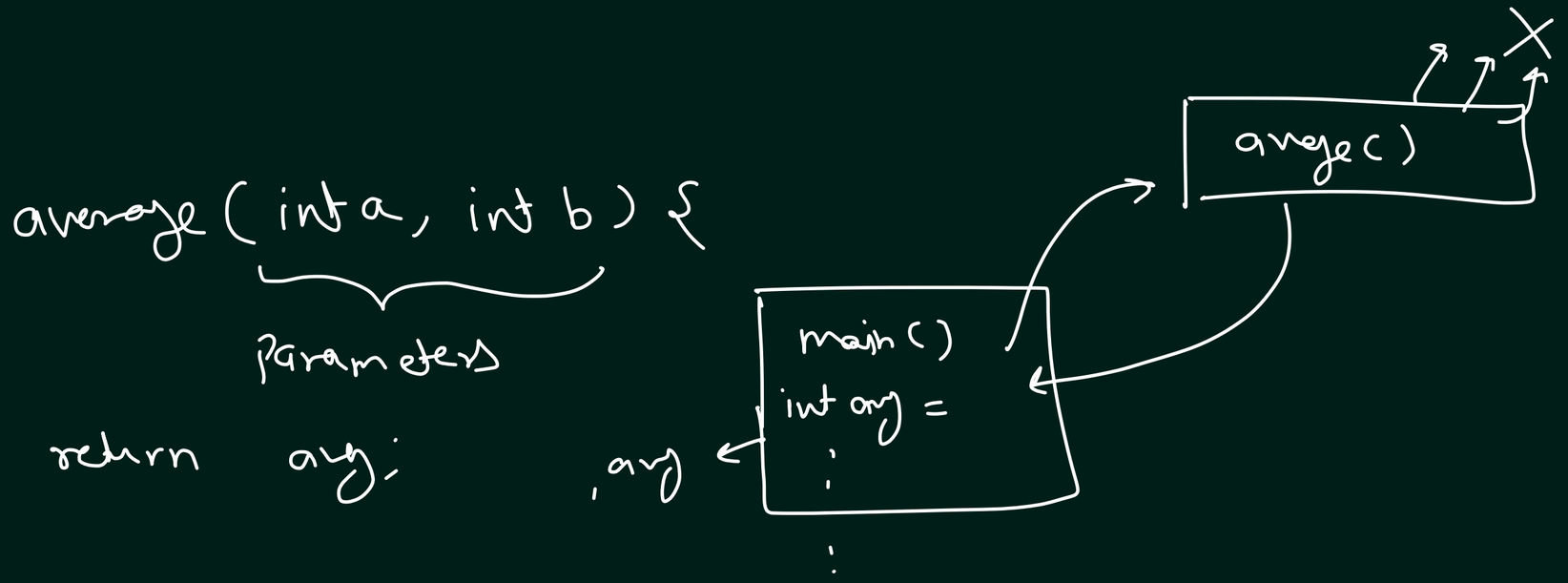



```
int addNumbers() {
  // code
}
...
...
addNumbers();
// code
```

method call

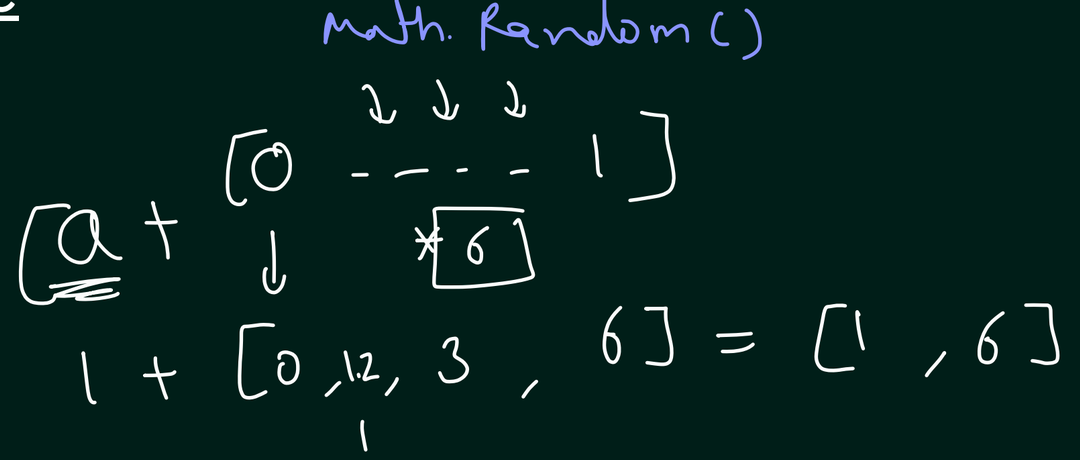
Method Parameters

A method parameter is a value accepted by the method. As mentioned earlier, a method can also have any number of parameters.



Math Class Methods

1. Math.min(x,y)
2. Math.max(x,y)
3. Math.sqrt(x)
4. Math.pow(x,y)
5. Math.abs(x)
6. Math.random() [0, 1)
7. Math.floor(x)
8. Math.ceil(x)
9. Math.round(x)

Find the complete list here

(a, b)