Q) How to pass values for the method parameters?

A) We need to initialize a method parameter whenever we are calling a method.

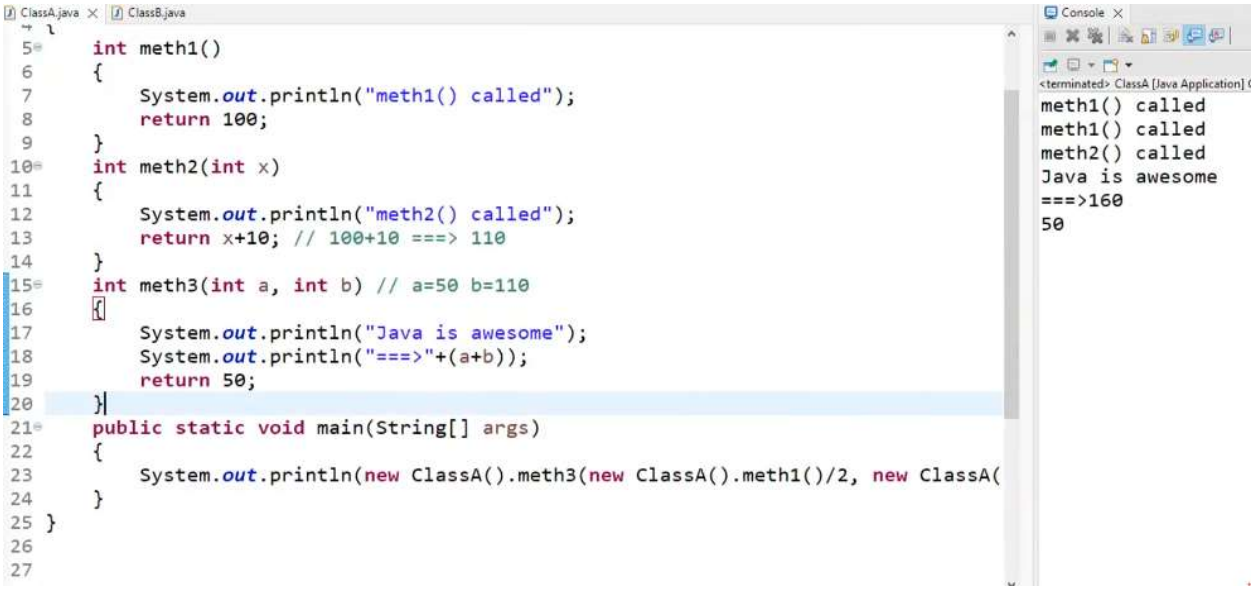
Note:

The value which is returned by a method we can use that value in below scenarios.

1. We can print that value.
2. We can store that value in its respective data types.
3. We can use that value in some arithmetical operations.
4. We can return that value from another method.
5. We can use that value as a parameter for another method.

```
2
3  public class ClassA
4  {
5      int meth1()
6      {
7          System.out.println("hi");
8          return 100;
9      }
10     void meth2(String s, int i)
11     {
12         System.out.println("hello");
13         System.out.println(s);
14         System.out.println(i);
15     }
16     public static void main(String[] args)
17     {
18         ClassA aobj=new ClassA();
19         aobj.meth2("Java",aobj.meth1());
20
21     }
22 }
23
```

```
<terminated> Clas
hi
hello
Java
100
```



```
    int meth1()
    {
        System.out.println("meth1() called");
        return 100;
    }
    int meth2(int x)
    {
        System.out.println("meth2() called");
        return x+10; // 100+10 ===> 110
    }
    int meth3(int a, int b) // a=50 b=110
    {
        System.out.println("Java is awesome");
        System.out.println("===>"+(a+b));
        return 50;
    }
    public static void main(String[] args)
    {
        System.out.println(new ClassA().meth3(new ClassA().meth1()/2, new ClassA(
    }
}
```

```
meth1() called
meth1() called
meth2() called
Java is awesome
===>160
50
```

```
public class ClassA
{
    int meth1(int a, int b)
    {
        System.out.println(a);
        System.out.println(a-b);
        return new ClassA().meth4(a-1,"Hi");
    }
    String meth2(int x)
    {
        System.out.println(x-new ClassA().meth1(200, 199));
        System.out.println(x);
        return "Java ";
    }
    String meth3(int a, int b, String s)
    {
        System.out.println(a);
        System.out.println(a+a);
        System.out.println(a+b);
        return s;
    }
```

```
    }
    String meth3(int a, int b, String s)
    {
        System.out.println(a);
        System.out.println(a+a);
        System.out.println(a+b);
        return s;
    }
    int meth4(int a, String s)
    {
        System.out.println(a);
        System.out.println(s);
        return a+a;
    }
    String meth5(String s)
    {
        return s;
    }
    public static void main(String[] args)
    {
        System.out.println(new ClassA().meth5(new ClassA().meth3(15, 25, new ClassA().meth2(500))));
    }
}
```

ClassA.java | ClassB.java

```
        return "Java ";
    }
    String meth3(int a, int b, String s)
    {
        System.out.println(a);
        System.out.println(a+a);
        System.out.println(a+b);
        return s;
    }
    int meth4(int a, String s)
    {
        System.out.println(a);
        System.out.println(s);
        return a+a;
    }
    String meth5(String s)
    {
        return s;
    }
    public static void main(String[] args)
    {
        System.out.println(new ClassA().meth5(new ClassA().meth3(15, 25, new Clas
    }
}
```

Console

<terminated> ClassA [Java Application] C:\Pro

```
200
1
199
Hi
102
500
15
30
40
Java
```

```java

public class ClassA
{
    public String testMethod()
    {
        System.out.println(35);
        return new ClassA().testMethod3(new ClassA().testMethod2())+new ClassA().testMethod4(" here");
    }
    public int testMethod2()
    {
        System.out.println(25);
        return 25+5;
    }
    public String testMethod3(int a)
    {
        System.out.println(15);
        return "is";
    }
    public String testMethod4(String s)
    {
        System.out.println(45);
        return " awesome";
    }
    public static void main(String[] args)
```

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```java
    {
        System.out.println(35);
        return new ClassA().testMethod3(new ClassA().testMethod2())+new ClassA().testMethod4(" here");
    }
    public int testMethod2()
    {
        System.out.println(25);
        return 25+5;
    }
    public String testMethod3(int a)
    {
        System.out.println(15);
        return "is";
    }
    public String testMethod4(String s)
    {
        System.out.println(45);
        return " awesome";
    }
    public static void main(String[] args)
    {
        ClassA t = new ClassA();
        System.out.println("Java "+t.testMethod());
    }
}
```

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