

Assignment-5

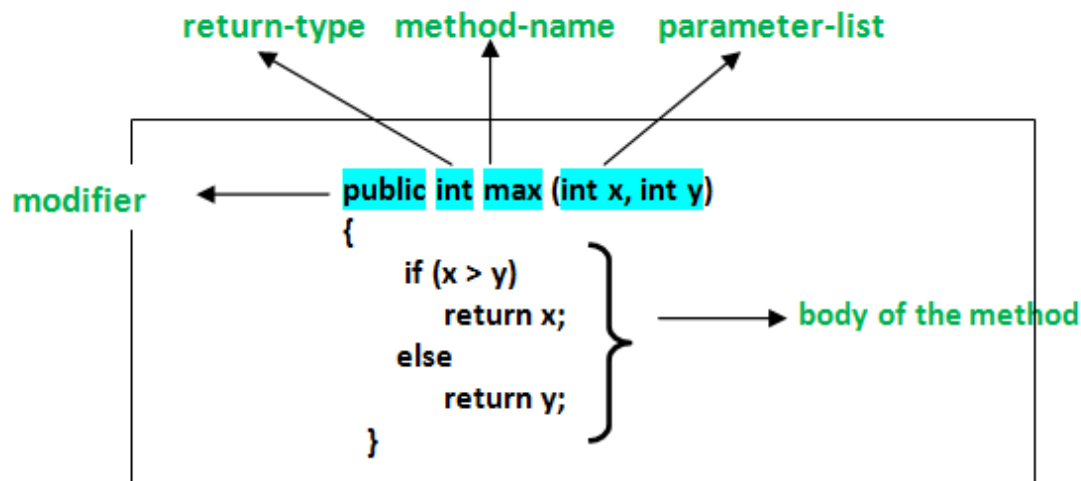
21/07/2023

Methods in java

Method are the group of people used to perform a particular task. If a method has to be executed, it has to be called by using its name.

Eg: If we want call a person in the group means we should call by their name only. If we call oye come here means they will be confused whom they are calling so its better to call by their name only.

Syntax



Types of methods in java

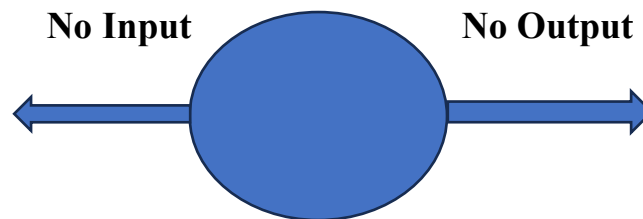
There are 4 types of methods in java. Let us discuss each one of them with our own examples and understand them.

If others won't understand means then you are not normal human being, don't think bad. I mean to say are ultra legend pro max.



Now let us start without wasting any time. Time is very precious told by some great people. I known now you are thinking who is that great people. Think....Think.....Untill you get the answer.

TYPE-1 METHOD



Method which would not accept any parameter and would not return any value.

My Explanation:

If I call a deaf person to come here carrying his book, he would not be able to listen and also come. This is called as Type-1 method.

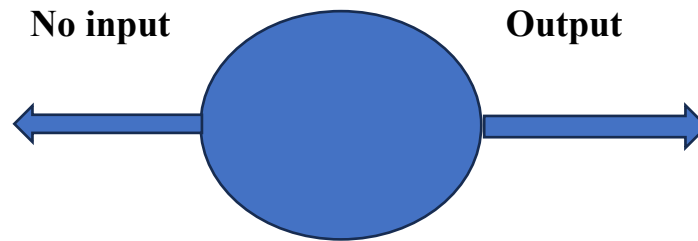
Eg:

The screenshot shows the Eclipse IDE interface. The Package Explorer on the left shows a project named 'ThridProject' with a file 'Thrid.java'. The main editor displays the following Java code:

```
1
2 public class Thrid {
3     public static void main(String[] args) {
4         add();
5     }
6     public static void add()
7     {
8         int a=10;
9         int b=20;
10        int c=a+b;
11        System.out.println("Addition result is "+c);
12    }
13
14 }
15
```

The Console window at the bottom shows the output: "Addition result is 30". The status bar at the bottom indicates the system is "Windy" and the date is "15:1:209".

TYPE-2 METHOD



Method which would not accept any parameter and would return a value.

My explanation:

I am getting any suitable example for this. If u know means please let me know.



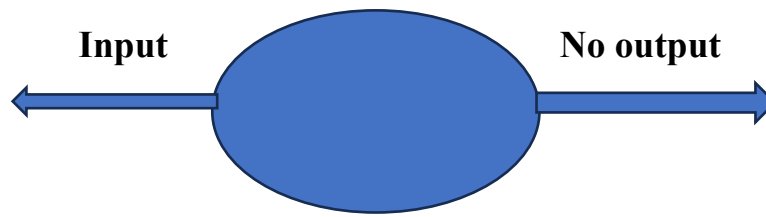
The screenshot shows the Eclipse IDE with a Java project named "ThridProject". The source code for "Thrid.java" is displayed, showing a class with a static method "add()" that returns an integer value. The "main" method calls "add()" and prints the result. The console output shows "Addition result is 30".

```
1 public class Thrid {
2     public static void main(String[] args) {
3         int res=add();
4         System.out.println(res);
5     }
6     public static int add()
7     {
8         int a=10;
9         int b=20;
10        int c=a+b;
11        System.out.println("Addition result is "+c);
12        return c;
13    }
14 }
15
16 }
17
```

Console Output:

```
terminated - Thrid [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (Jul 22, 2023, 12:06:11 PM - 12:06:11 PM) [pid: 10236]
Addition result is 30
30
```

TYPE-3 METHOD



Method which would accept the parameter but would not return a value.

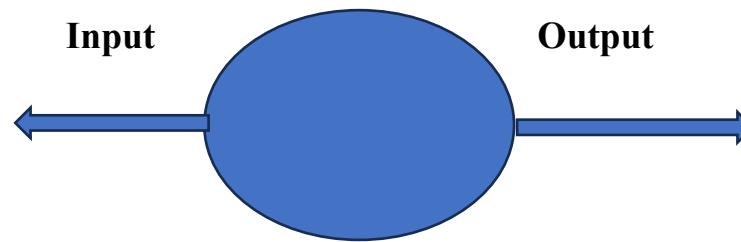
My Explanation:

If a lecture is telling a student to come here and give his book but the student can't come. This is called as Type-3 method.

```
1 public class Thrid {
2     public static void main(String[] args) {
3         int x=60;
4         int y=40;
5         add(x,y);
6     }
7     public static void add(int a,int b)
8     {
9         int c=a+b;
10        System.out.println("Addition result is "+c);
11    }
12 }
13
14 }
15
```

Console Output: Addition result is 100

TYPE-4 METHOD



Method which would accept the parameter and also return a value.

My explanation:

If a lecture is telling a student to come here and give his book he went gave his book. This is called as Type-4 method.

The screenshot shows the Eclipse IDE with a Java project named "ThridProject". The Package Explorer on the left shows the project structure. The main editor displays the following Java code:

```
1
2 public class Thrid {
3     public static void main(String[] args) {
4         int x=60;
5         int y=40;
6         int res=add(x,y);
7         System.out.println(res);
8     }
9     public static int add(int a,int b)
10    {
11        int c=a+b;
12        return c;
13    }
14
15 }
16
```

The Console window at the bottom shows the output of the program:

```
<terminated> Thrid [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (Jul 22, 2023, 12:24:22 PM) [pid: 2132]
100
```

Sir I took **1 hour** to complete this easy assignment in my own way. I don't want any big gift or good gift. It's enough that if you see my assignment only.

Thank you

Keep smiling always & also make others to smile

