



# Java

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## Assignment-6

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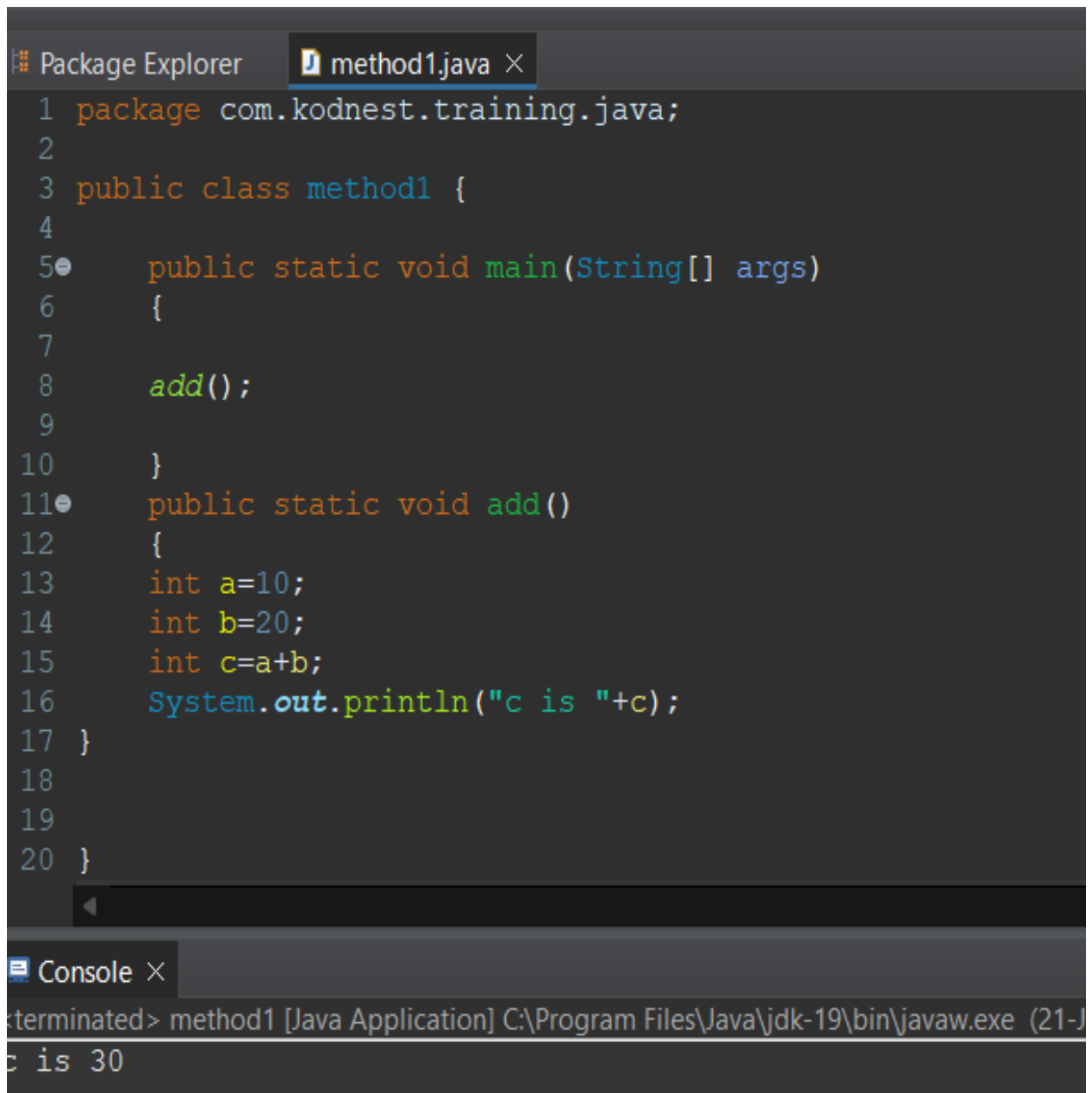
Batch : July 2023

Trainer : Punith sir

Topic : Methods

## Method Type 1:

Method is such a method which would not accept parameters and would not return value.



The screenshot shows an IDE with two panels. The top panel, titled 'Package Explorer' and 'method1.java', displays the following Java code:

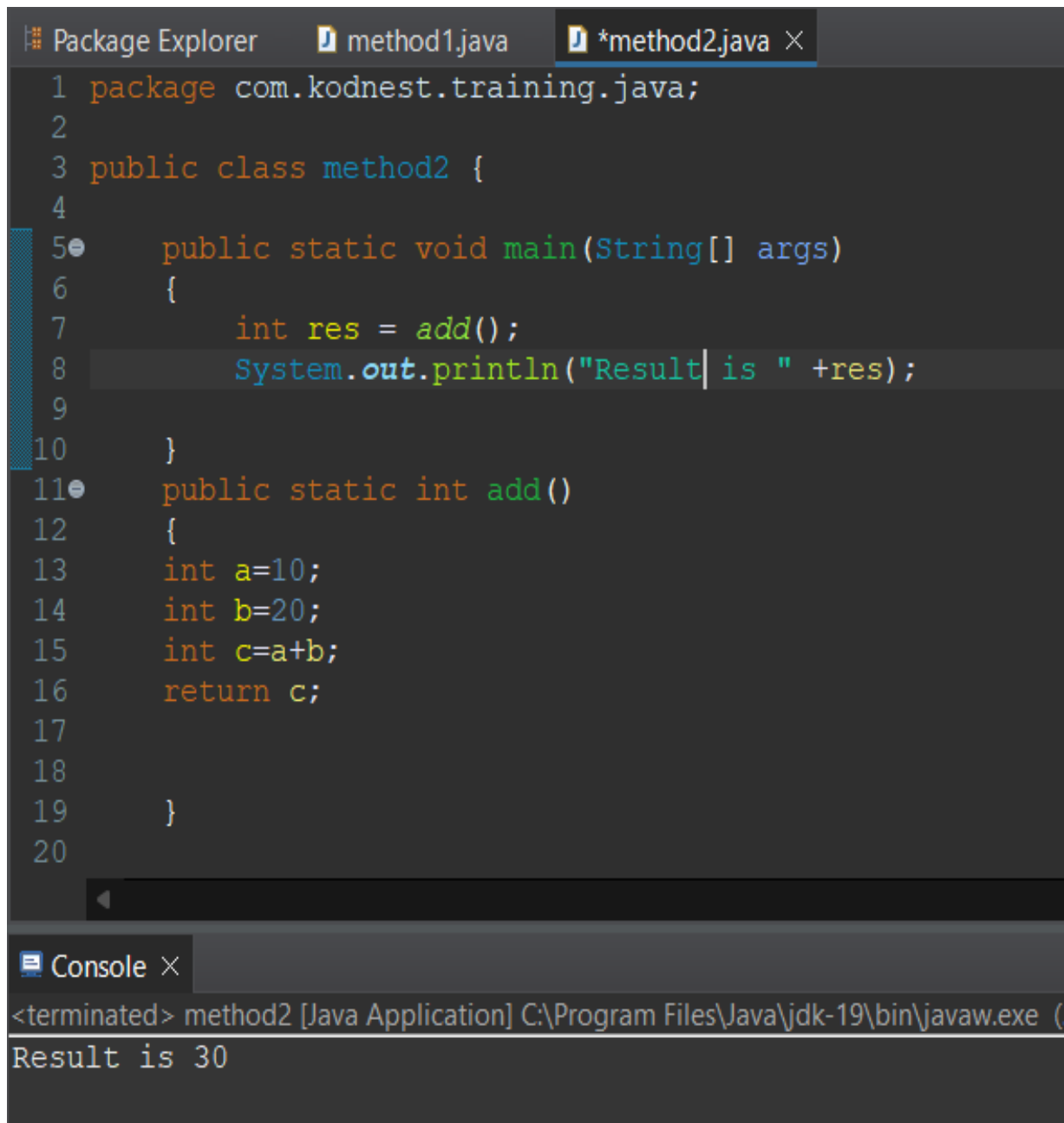
```
1 package com.kodnest.training.java;
2
3 public class method1 {
4
5     public static void main(String[] args)
6     {
7
8         add();
9
10    }
11    public static void add()
12    {
13        int a=10;
14        int b=20;
15        int c=a+b;
16        System.out.println("c is "+c);
17    }
18
19
20 }
```

The bottom panel, titled 'Console', shows the execution output:

```
terminated> method1 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (21-J
c is 30
```

## Method Type 2:

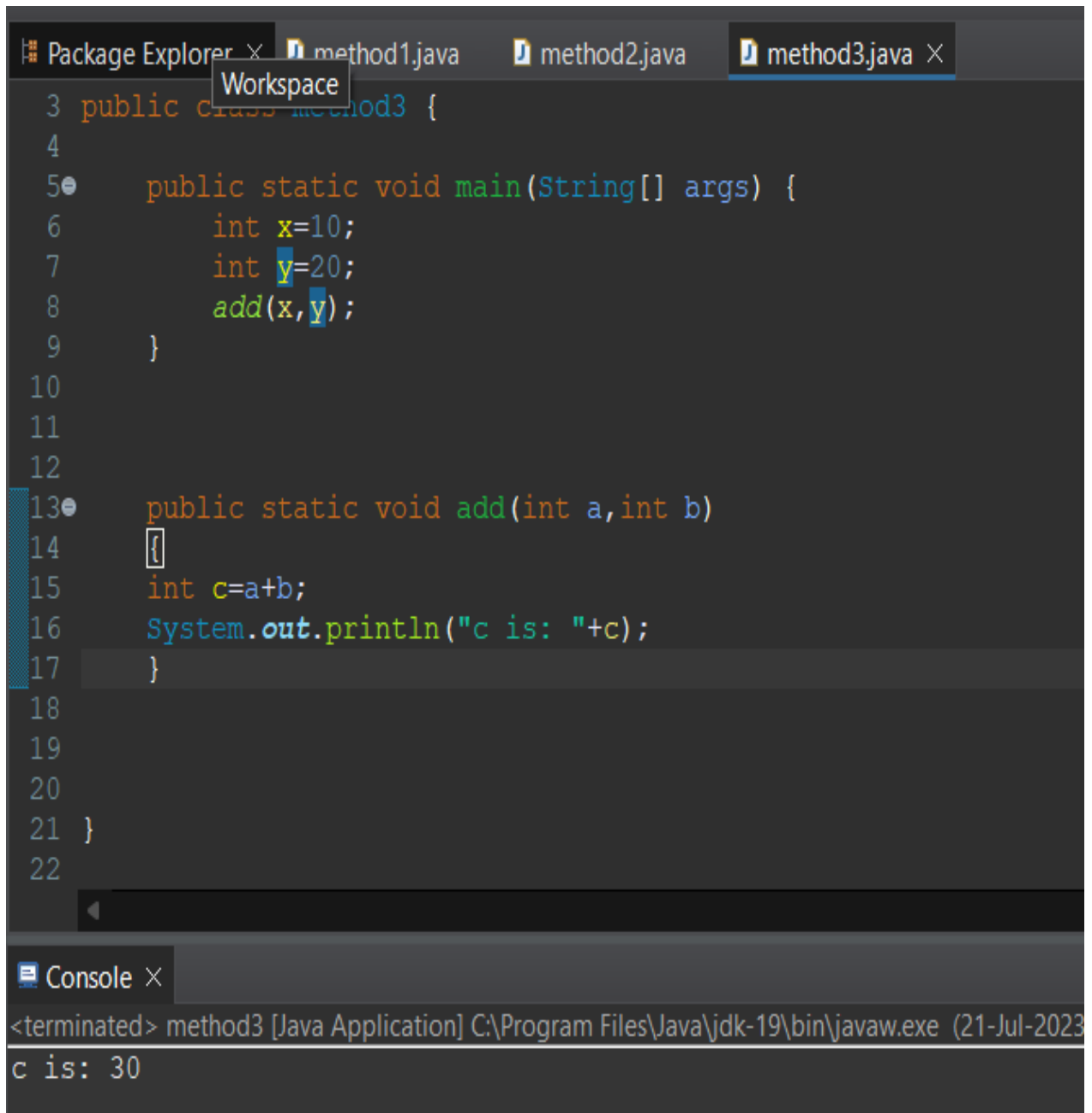
Method is such a method which would not accept parameters and would return value.



```
Package Explorer  method1.java  *method2.java ×  
1 package com.kodnest.training.java;  
2  
3 public class method2 {  
4  
5     public static void main(String[] args)  
6     {  
7         int res = add();  
8         System.out.println("Result is " +res);  
9  
10    }  
11    public static int add()  
12    {  
13        int a=10;  
14        int b=20;  
15        int c=a+b;  
16        return c;  
17  
18    }  
19  
20  
  
Console ×  
<terminated> method2 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (  
Result is 30
```

## Method Type 3:

Method is such a method which would accept parameters and would not return value.



The screenshot displays an IDE with three tabs: 'Package Explorer', 'method1.java', and 'method3.java'. The 'Workspace' label is visible above the code editor. The code in 'method3.java' is as follows:

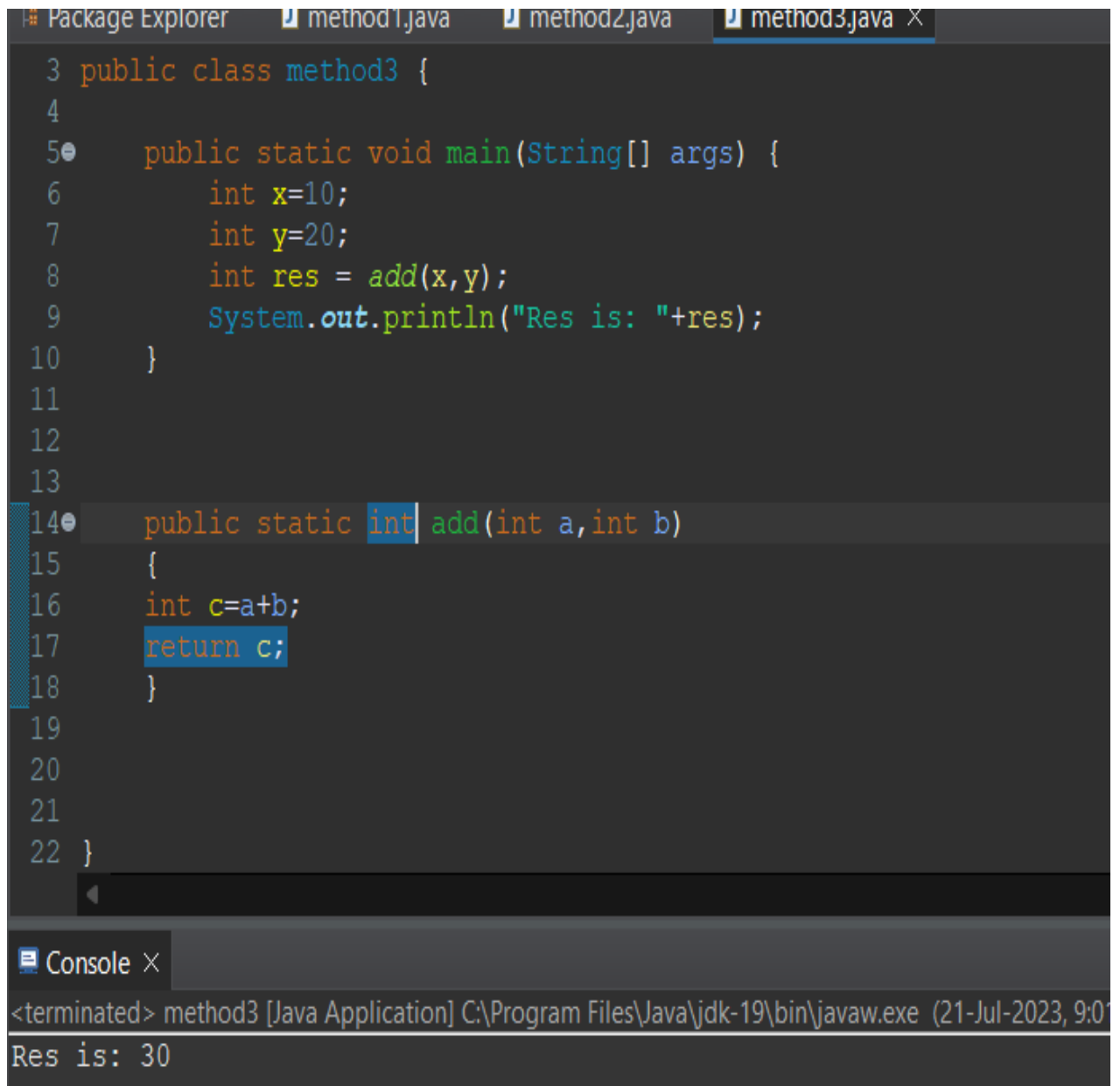
```
3 public class method3 {
4
5     public static void main(String[] args) {
6         int x=10;
7         int y=20;
8         add(x,y);
9     }
10
11
12
13     public static void add(int a,int b)
14     {
15         int c=a+b;
16         System.out.println("c is: "+c);
17     }
18
19
20
21 }
22
```

Below the code editor, the 'Console' tab is active, showing the output of the program:

```
<terminated> method3 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (21-Jul-2023)
c is: 30
```

## Method Type 4:

Method is such a method which would accept parameters and would return value.



```
# Package Explorer  method1.java  method2.java  method3.java x
3 public class method3 {
4
5     public static void main(String[] args) {
6         int x=10;
7         int y=20;
8         int res = add(x,y);
9         System.out.println("Res is: "+res);
10    }
11
12
13
14    public static int add(int a,int b)
15    {
16        int c=a+b;
17        return c;
18    }
19
20
21
22 }
```

Console x

<terminated> method3 [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (21-Jul-2023, 9:01)

Res is: 30