

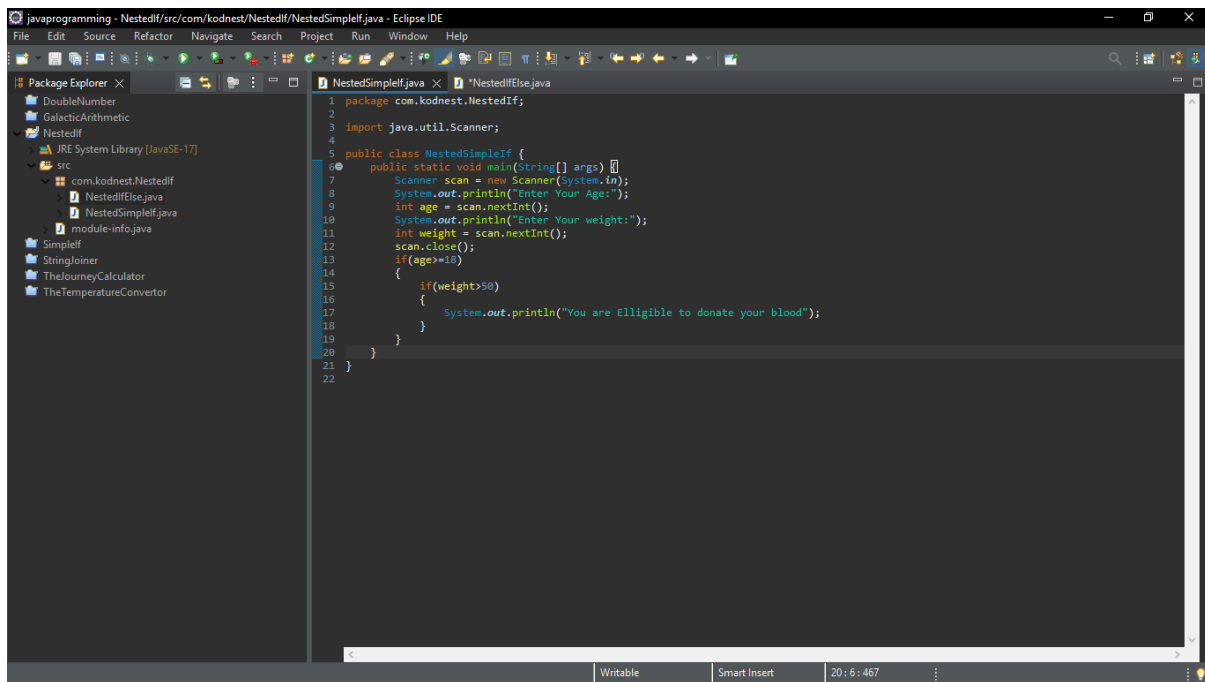
ASSIGNMENT(08-08-23)

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Batch: July(A2)

NESTED-IF:

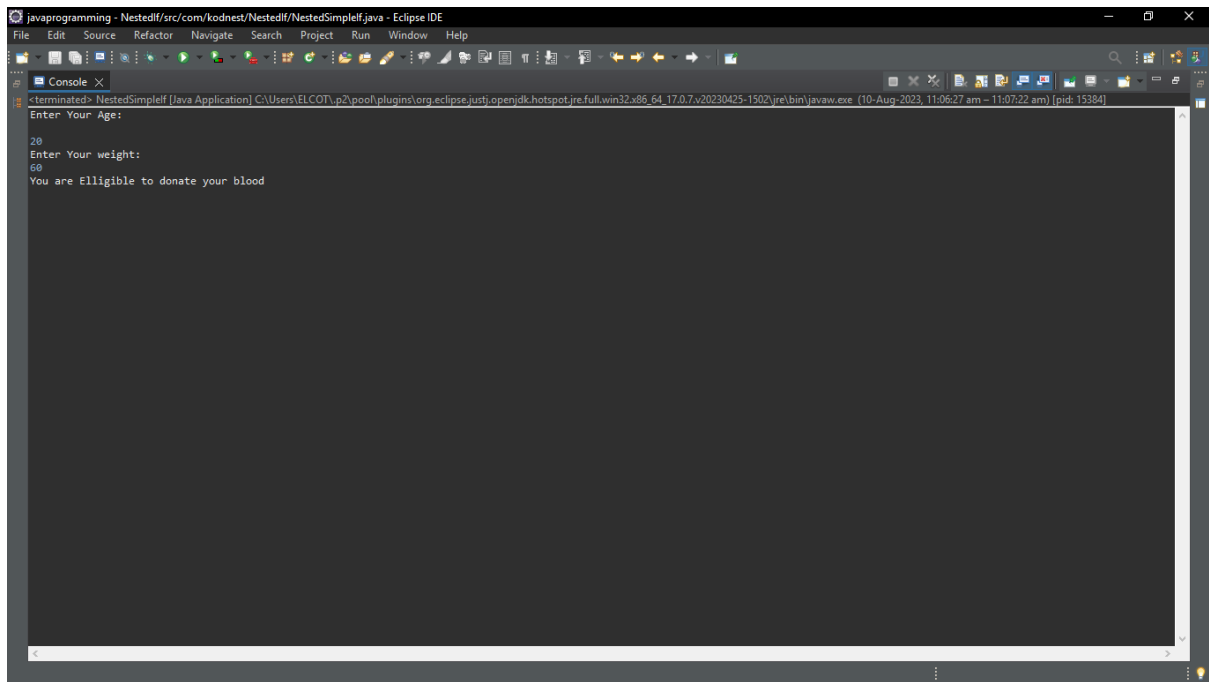
The nested if represents the if block within another if block. Here, the inner if block condition executes only when outer if block condition is true.



The screenshot shows the Eclipse IDE with a Java project named 'javaprogramming'. The Package Explorer on the left shows the project structure, including a package 'com.kodnest.NestedIf' with two classes: 'NestedSimpleIf.java' and 'NestedIfElse.java'. The main editor displays the code for 'NestedSimpleIf.java'.

```
1 package com.kodnest.NestedIf;
2
3 import java.util.Scanner;
4
5 public class NestedSimpleIf {
6     public static void main(String[] args) {
7         Scanner scan = new Scanner(System.in);
8         System.out.println("Enter Your Age:");
9         int age = scan.nextInt();
10        System.out.println("Enter Your weight:");
11        int weight = scan.nextInt();
12        scan.close();
13        if(age>18)
14        {
15            if(weight>50)
16            {
17                System.out.println("You are Eligible to donate your blood");
18            }
19        }
20    }
21 }
22 }
```

OUTPUT:

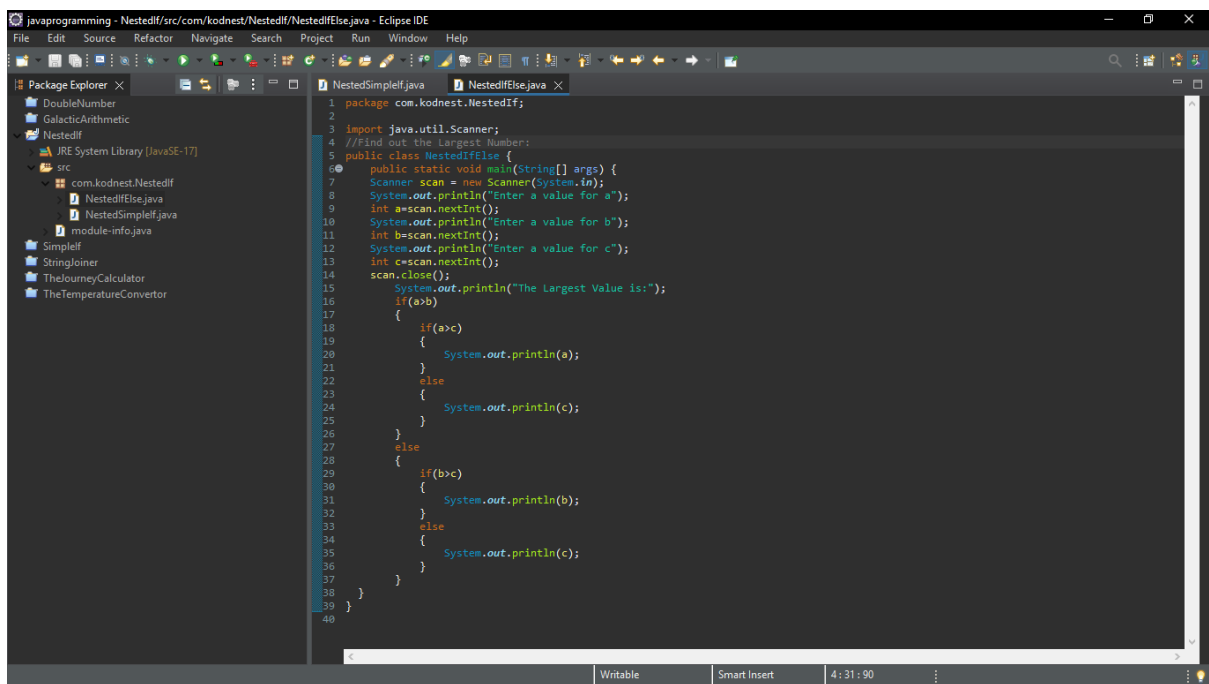


```
javaprogramming - NestedIf/src/com/kodnest/NestedSimpleIf.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Console
<terminated> NestedSimpleIf [Java Application] C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (10-Aug-2023, 11:06:27 am - 11:07:22 am) [pid: 15384]

Enter Your Age:
20
Enter Your weight:
60
You are Eligible to donate your blood
```

NESTED IF ELSE:

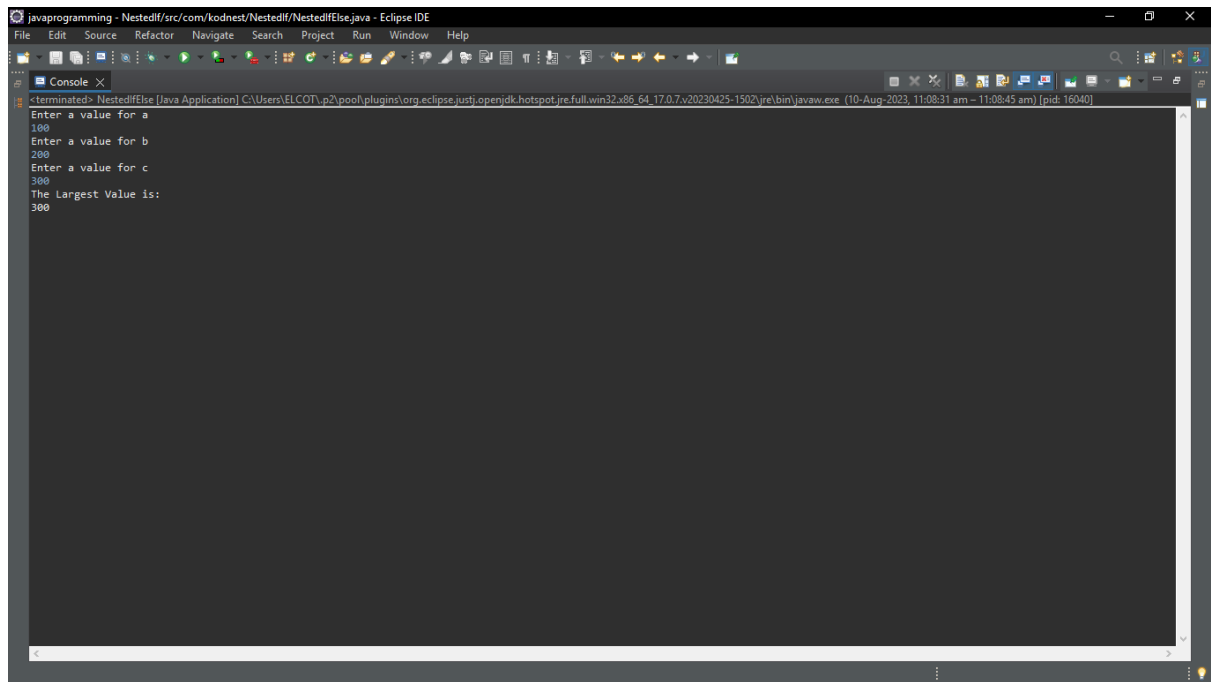


```
javaprogramming - NestedIf/src/com/kodnest/NestedIfElse.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer
DoubleNumber
GalacticArithmetic
NestedIf
  JRE System Library [JavaSE-17]
  src
    com.kodnest.NestedIf
      NestedIfElse.java
      NestedSimpleIf.java
      module-info.java
SimpleIf
StringJoiner
TheJourneyCalculator
TheTemperatureConvertor

NestedIfElse.java
1 package com.kodnest.NestedIf;
2
3 import java.util.Scanner;
4 //Find out the Largest Number;
5 public class NestedIfElse {
6     public static void main(String[] args) {
7         Scanner scan = new Scanner(System.in);
8         System.out.println("Enter a value for a");
9         int a=scan.nextInt();
10        System.out.println("Enter a value for b");
11        int b=scan.nextInt();
12        System.out.println("Enter a value for c");
13        int c=scan.nextInt();
14        scan.close();
15        System.out.println("The Largest Value is:");
16        if(a>b)
17        {
18            if(a>c)
19            {
20                System.out.println(a);
21            }
22            else
23            {
24                System.out.println(c);
25            }
26        }
27        else
28        {
29            if(b>c)
30            {
31                System.out.println(b);
32            }
33            else
34            {
35                System.out.println(c);
36            }
37        }
38    }
39 }
40
```

OUTPUT:



The screenshot shows the Eclipse IDE interface with a console window open. The console displays the output of a Java application named 'NestedIfElse'. The application prompts the user to enter values for 'a', 'b', and 'c'. The user has entered 100 for 'a', 200 for 'b', and 300 for 'c'. The application then outputs 'The Largest Value is: 300'. The console window title is 'Console X' and the application path is 'C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.7.v20230425-1502\jre\bin\javaw.exe (10-Aug-2023, 11:08:31 am - 11:08:45 am) [pid: 16040]'.

```
<terminated> NestedIfElse [Java Application] C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.7.v20230425-1502\jre\bin\javaw.exe (10-Aug-2023, 11:08:31 am - 11:08:45 am) [pid: 16040]
Enter a value for a
100
Enter a value for b
200
Enter a value for c
300
The Largest Value is:
300
```