

JAVA FUNDAMENTALS COURSE

EXERCISE

IF/ELSE STATEMENT

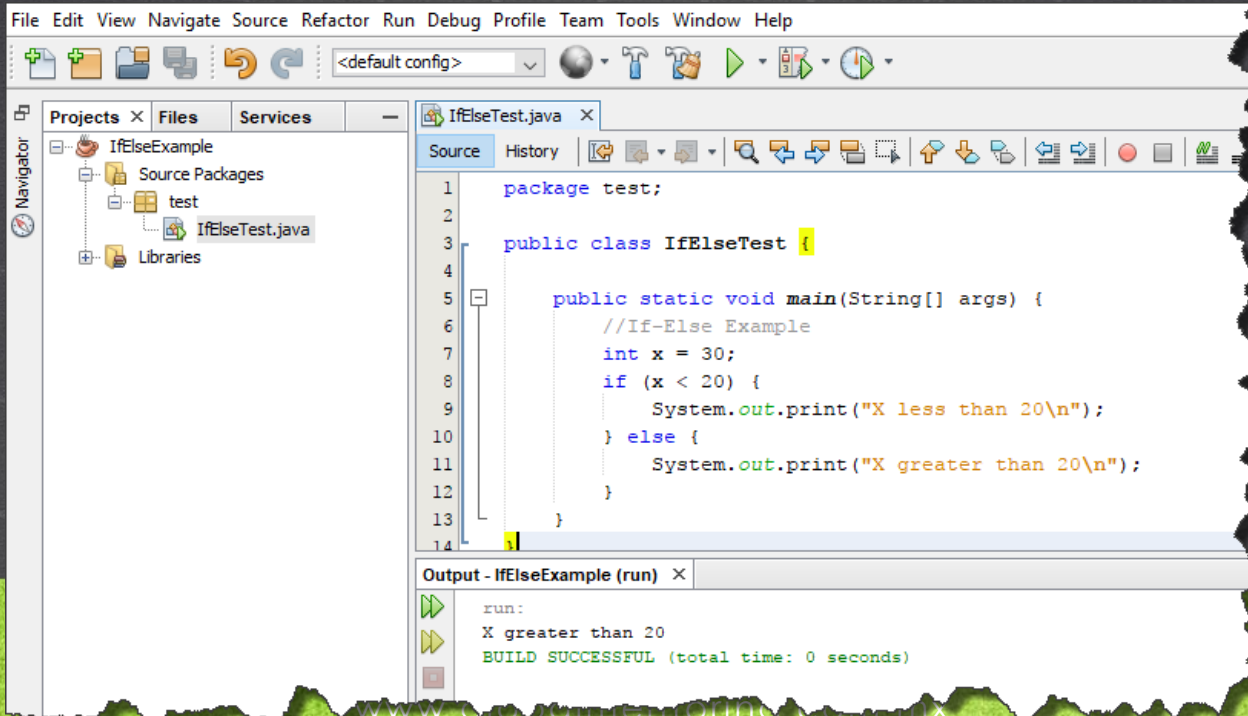


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EXERCISE OBJECTIVE

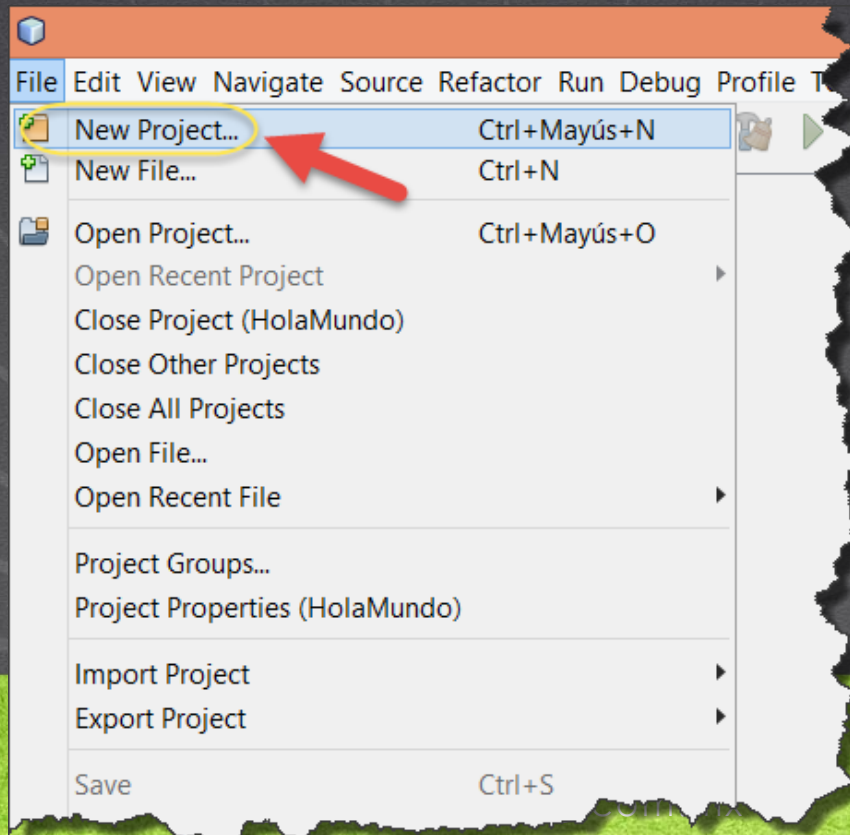
Create a program to implement the use of the if / else structure. At the end we should observe the following:



```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config>
Projects Files Services
IfElseExample
  Source Packages
  test
    IfElseTest.java
  Libraries
IfElseTest.java
Source History
1 package test;
2
3 public class IfElseTest {
4
5     public static void main(String[] args) {
6         //If-Else Example
7         int x = 30;
8         if (x < 20) {
9             System.out.print("X less than 20\n");
10        } else {
11            System.out.print("X greater than 20\n");
12        }
13    }
14
Output - IfElseExample (run)
run:
X greater than 20
BUILD SUCCESSFUL (total time: 0 seconds)
```

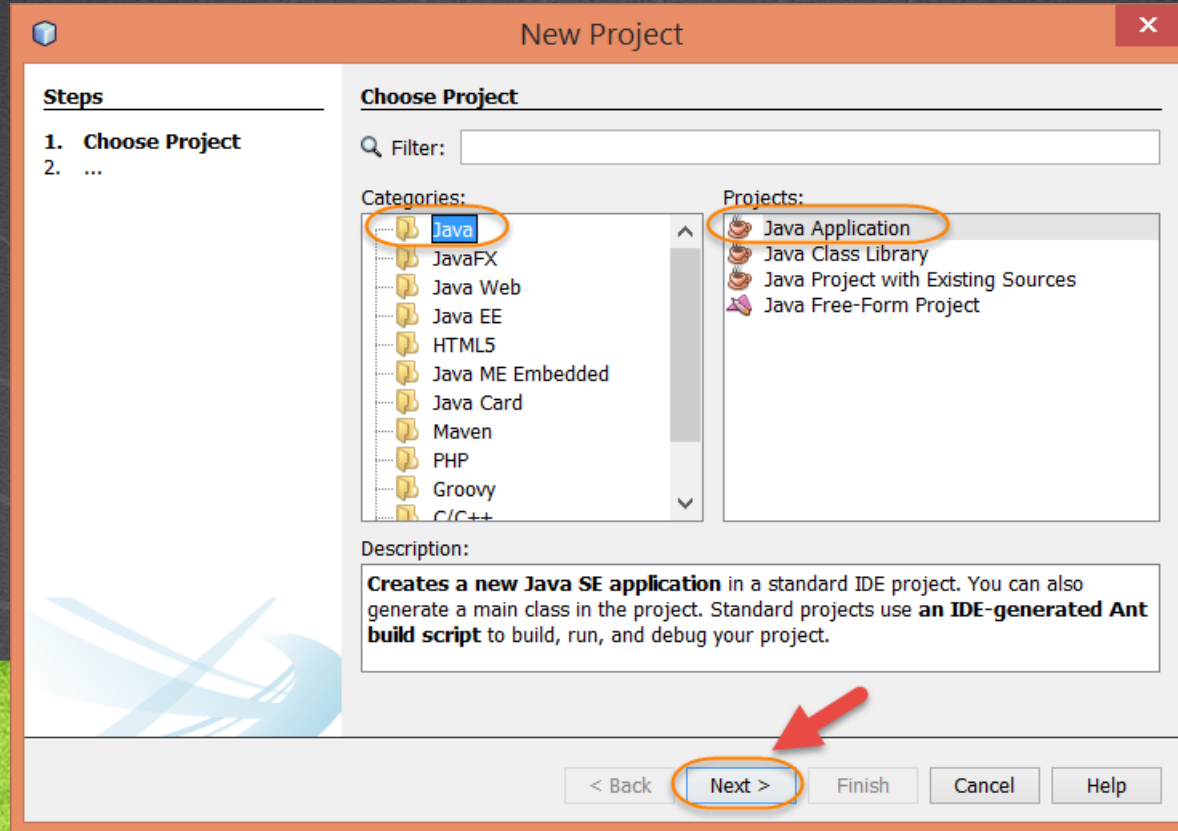
1. CREATE A NEW PROJECT

Create a new project called IfElseExample:



1. CREATE A NEW PROJECT (CONT)

Select Java -> Java Application:



1. CREATE A NEW PROJECT (CONT)

The Project is called IfElseExample:

New Java Application

Steps

1. Choose Project
2. **Name and Location**

Name and Location

Project Name: IfElseExample

Project Location: C:\Courses\JavaFundamentals\Lesson04 Browse...

Project Folder: C:\Courses\JavaFundamentals\Lesson04\IfElseExample

☐ Use Dedicated Folder for Storing Libraries

Libraries Folder: Browse...

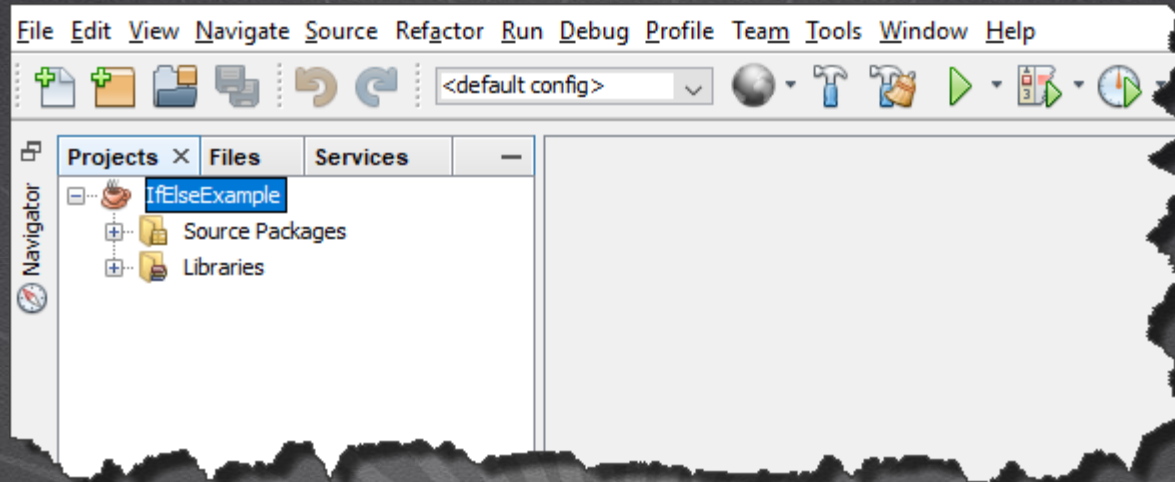
Different users and projects can share the same compilation libraries (see Help for details).

☐ Create Main Class ifelseexample.IfElseExample

< Back Next > **Finish** Cancel Help

1. CREATE A NEW PROJECT (CONT)

The Project has the desired structure.

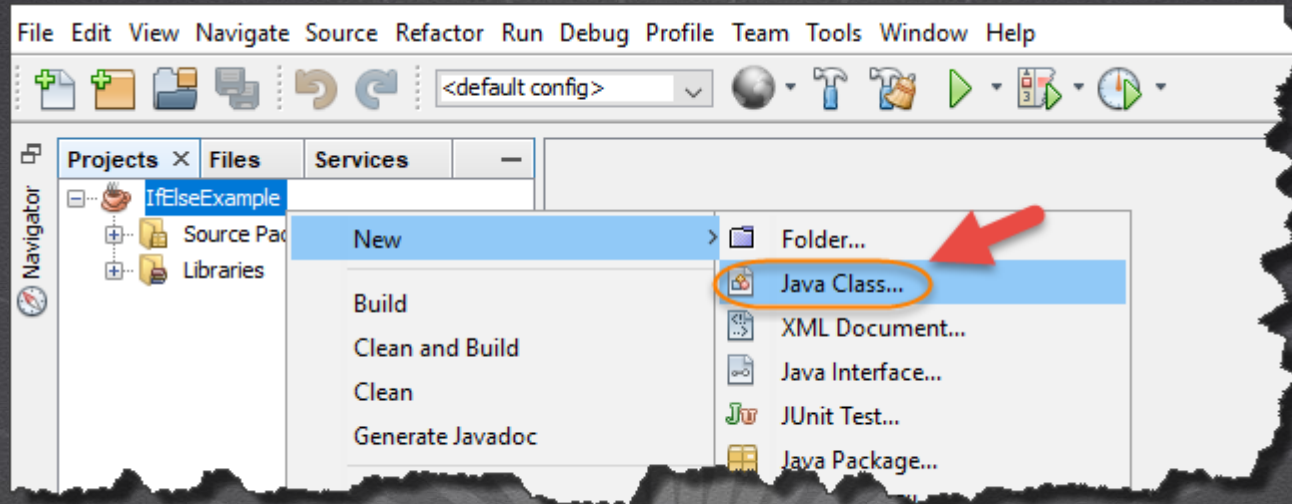


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2. CREATE A NEW CLASS

Create a new class called IfElseTest.java:



2. CREATE A NEW CLASS

Create a new class called IfElseTest.java:

New Java Class

Steps

1. Choose File Type
2. **Name and Location**

Name and Location

Class Name: IfElseTest

Project: IfElseExample

Location: Source Packages

Package: test

Created File: C:\Courses\JavaFundamentals\Lesson04\IfElseExample\src\test\IfElseTest.java

< Back Next > **Finish** Cancel Help

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PASO 3. MODIFY THE CODE

[Archivo IfElseTest.java:](#)

Click to download

```
package test;

public class IfElseTest {

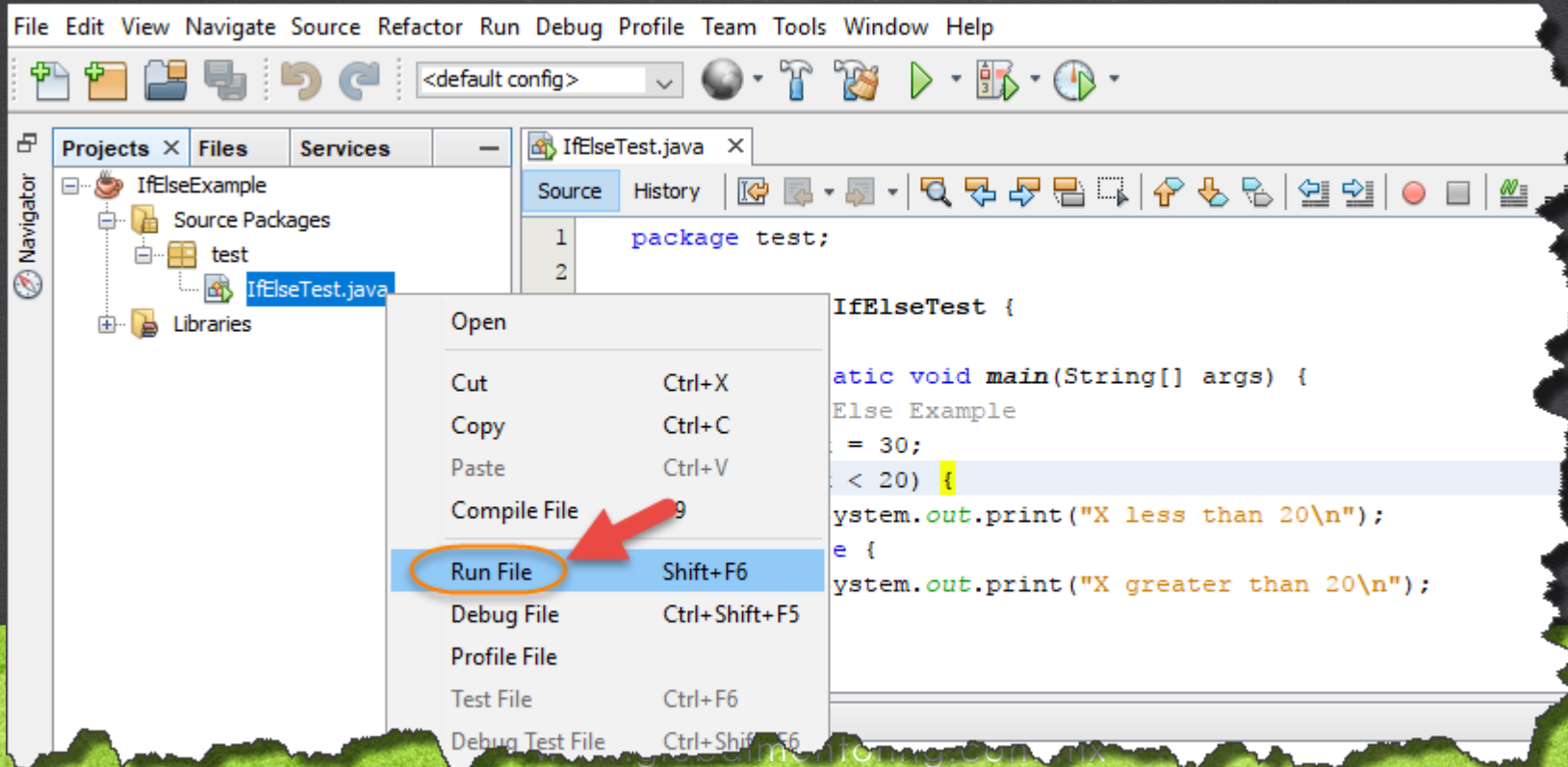
    public static void main(String[] args) {
        //If-Else Example
        int x = 30;
        if (x < 20) {
            System.out.print("X less than 20\n");
        } else {
            System.out.print("X greater than 20\n");
        }
    }
}
```

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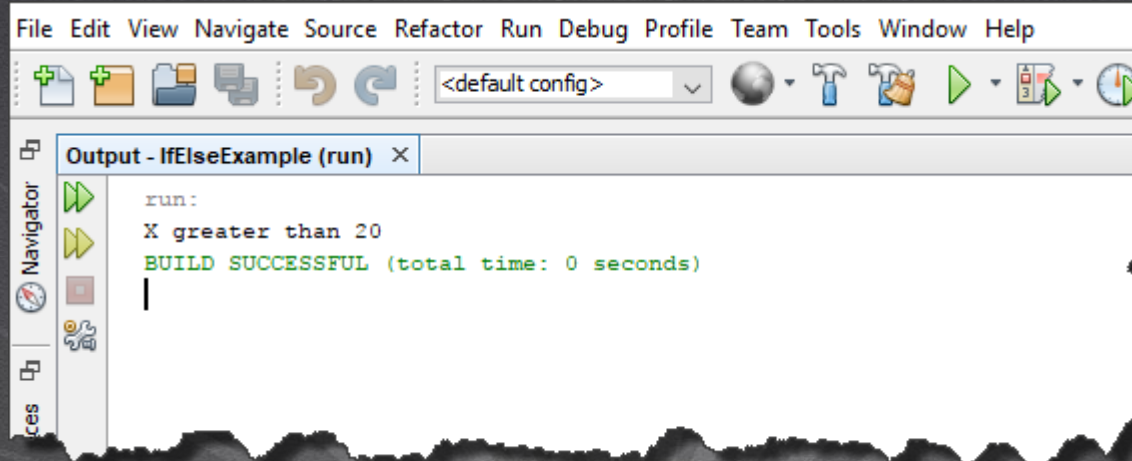
4. EXECUTE THE PROJECT

We execute our project. We give right click -> Run:



4. EXECUTE THE PROJECT (CONT)

The result is as follows:



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EXERCISE CONCLUSION

- With this exercise we have put into practice the handling of the else if statement.
- We will do some more exercises regarding the topic of control sentences.



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ONLINE COURSE

JAVA FUNDAMENTALS

By: Eng. Ubaldo Acosta



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