

JAVA FUNDAMENTALS COURSE

EXERCISE

USE OF NULL KEYWORD IN JAVA



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EXERCISE OBJECTIVE

Put into practice the use of the null keyword in Java. At the end we should observe the following:

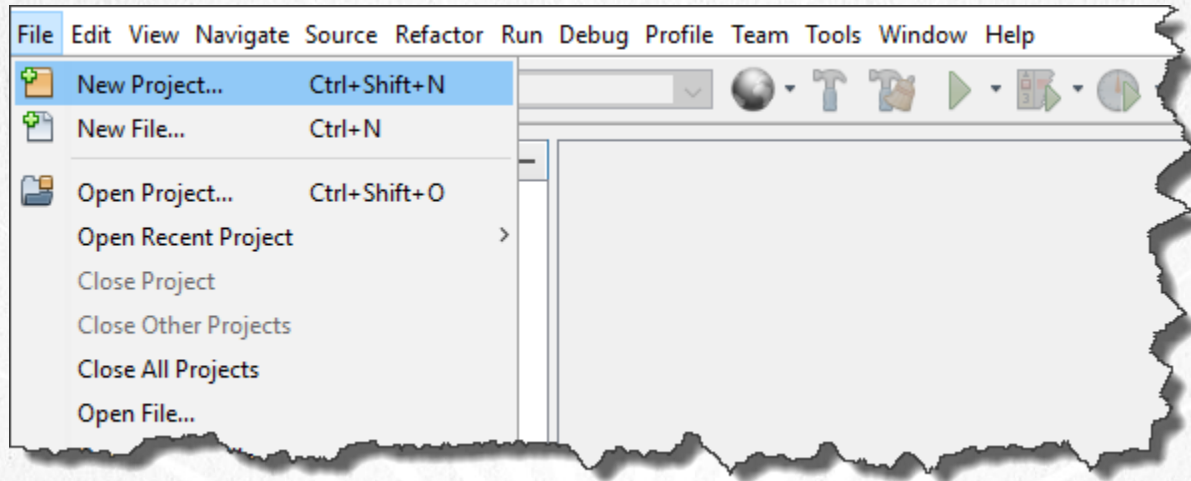


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1. CREATE A PROJECT

Create a project:

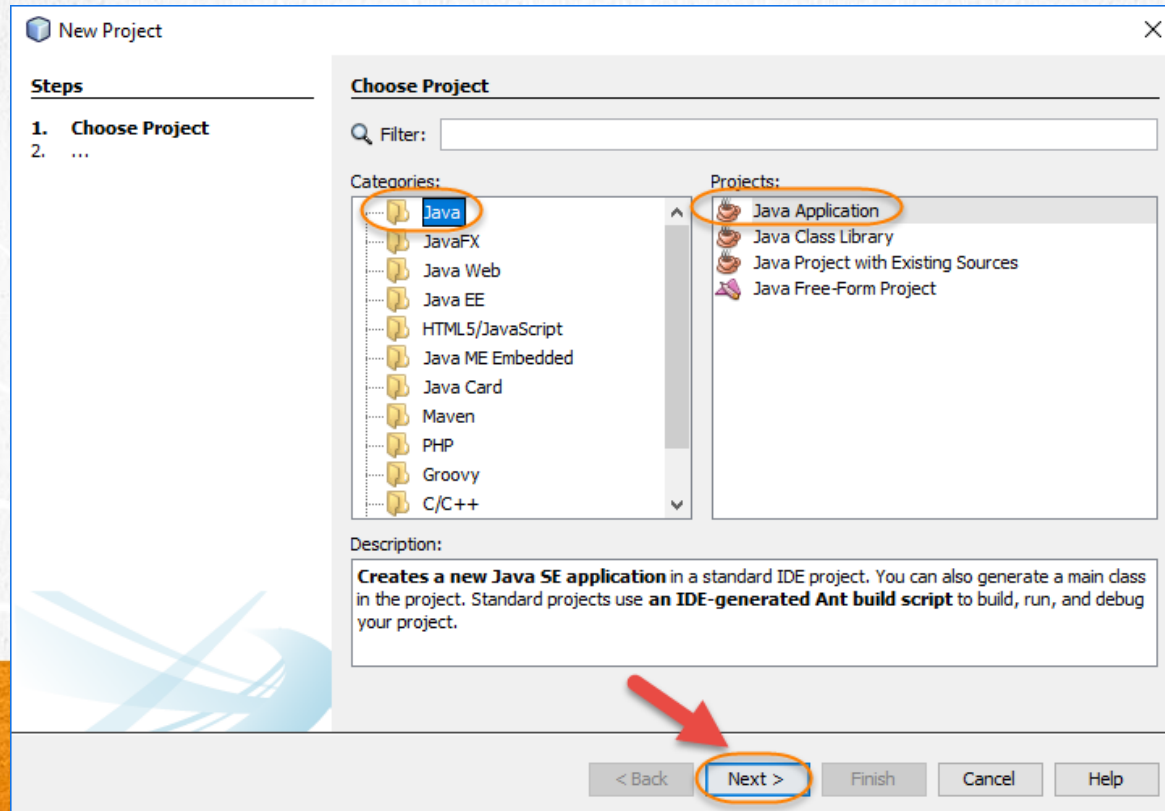


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1. CREATE A PROJECT

Create a project:



1. CREATE A PROJECT

Create a project:

New Java Application

Steps

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

Name and Location

Project Name:

Project Location:

Project Folder:

☐ Use Dedicated Folder for Storing Libraries

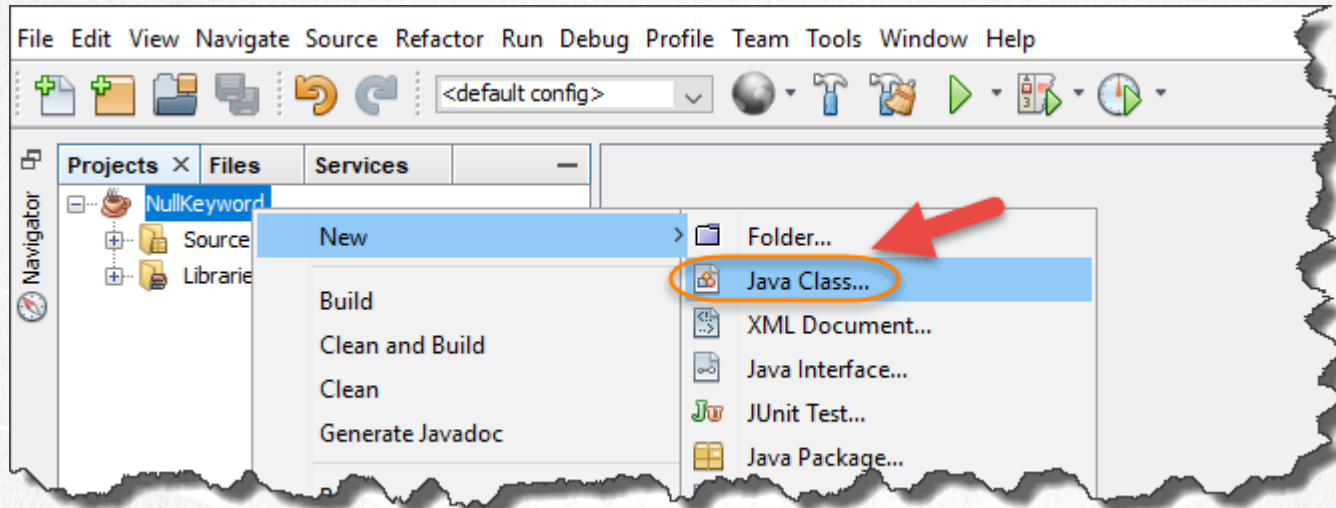
Libraries Folder:

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

☐ Create Main Class

2. CREATE A CLASS

Create a class:



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2. CREATE A CLASS

Create a class:

New Java Class

Steps

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

Name and Location

Class Name:

Project:

Location:

Package:

Created File:

< Back Next > **Finish** Cancel Help

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3. MODIFY THE CODE

NullKeywordTest.java:

```
package test;

public class NullKeywordTest {

    public static void main(String[] args) {
        Person p1 = new Person("John");
        System.out.println("p1 name: " + p1.getName());

        Person p2 = p1; //p2 points to the same object as p1
        System.out.println("p2 name: " + p2.getName());

        //We make p1 no longer point to the object p1
        p1 = null;

        //Check that p2 is still accessing the object
        System.out.println("p2 name: " + p2.getName());
    }
}

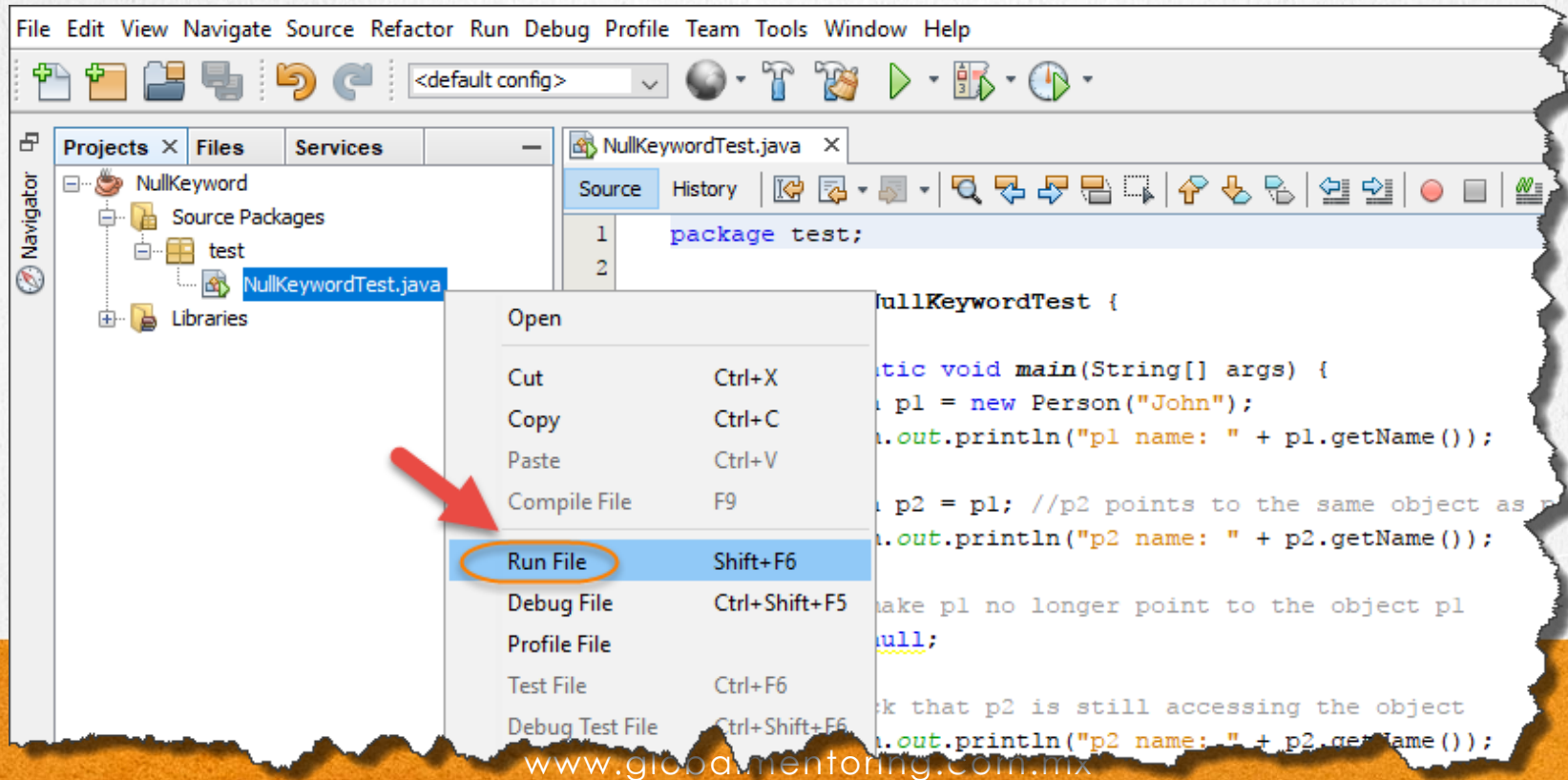
class Person{
    String name; //default value is null

    public Person(String nameArg){
        name = nameArg;
    }

    public String getName(){
        return name;
    }
}
```

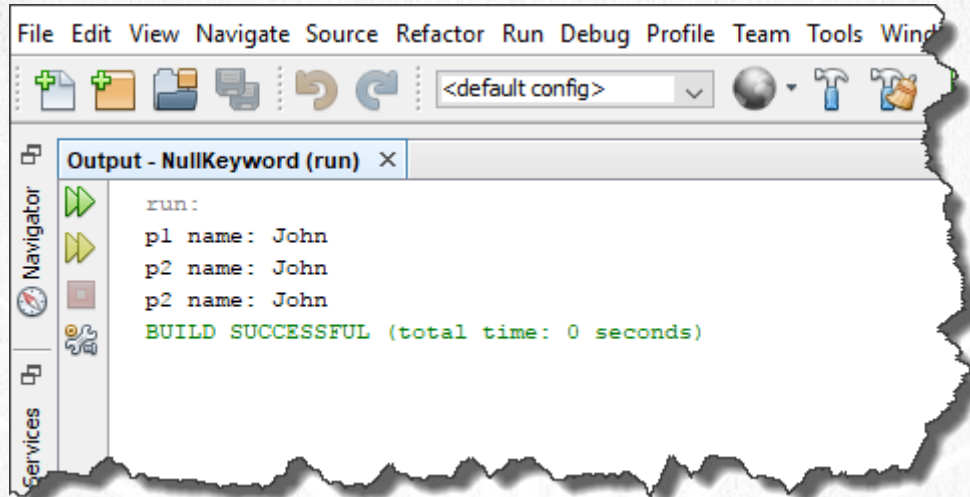

4. EXECUTE THE PROJECT

Execute the project:



4. EXECUTE THE PROJECT

The result is as follows:



EXERCISE CONCLUSION

With this exercise we have put into practice the use of the null keyword.

We have seen how when creating variables that point to objects (references) it is possible to indicate that they do not point to any object by means of the word null, and in fact all the attributes of our classes its default value is null, that is why it is very important to understand what we mean when we find the null value in a variable.

ONLINE COURSE

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