

JAVA FUNDAMENTALS COURSE

EXERCISE

RETURN OBJECT TYPE

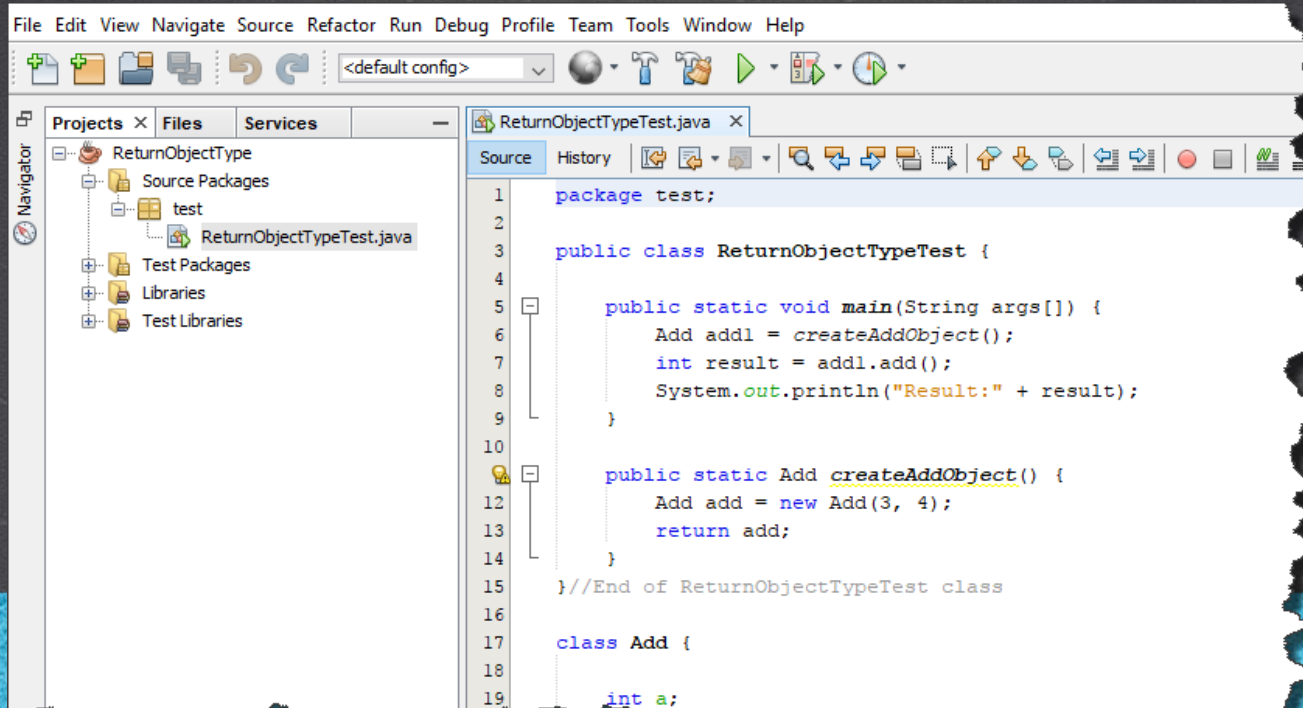


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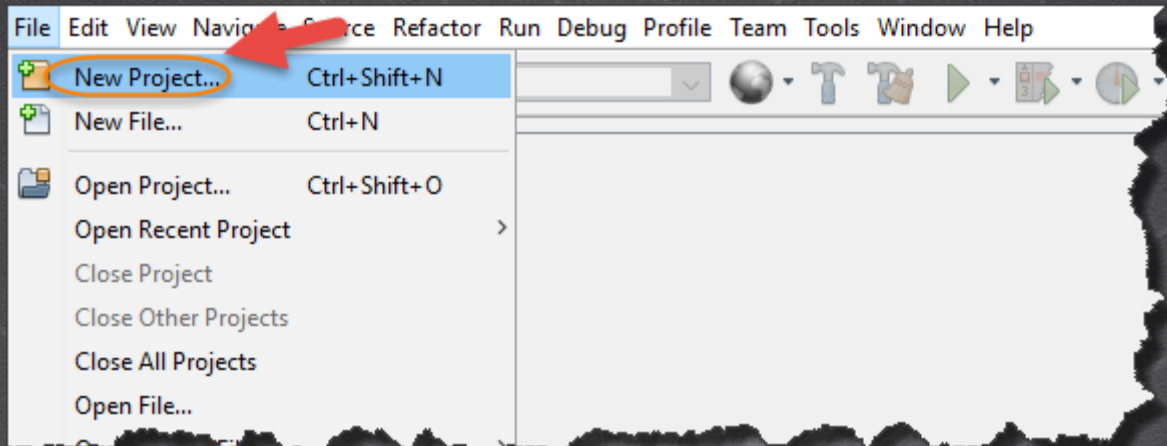
EXERCISE OBJECTIVE

Create the ReturnObjectType. At the end we should observe the following:



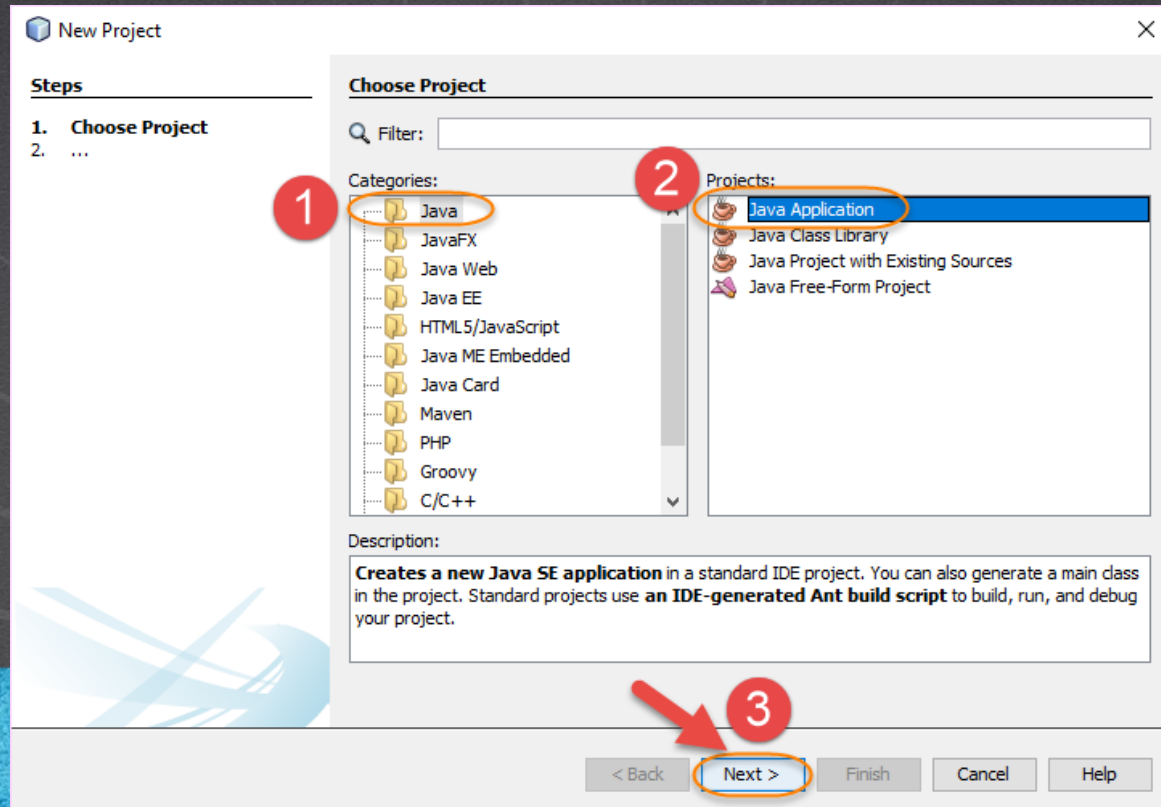
1. CREATE A NEW PROJECT

We are going to create the ReturnObjectType project :



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We are going to create the ReturnObjectType 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

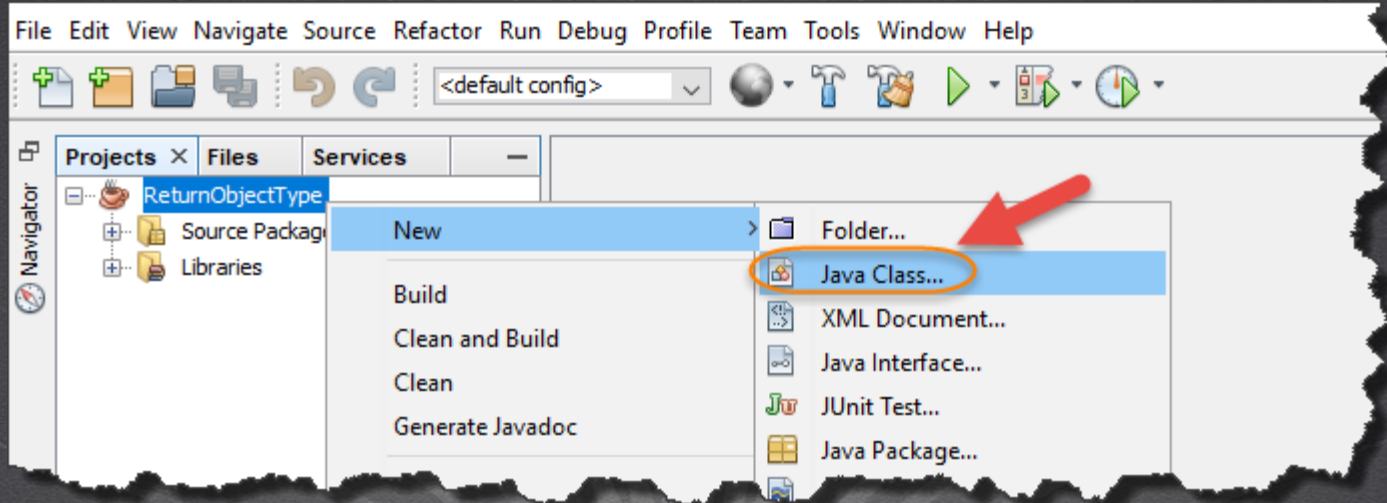
Libraries Folder:

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

☐ **Create Main Class**

2. CREATE A NEW CLASS

Create a new Class:



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2. CREATE A NEW CLASS

Create a new 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

ReturnObjectTypeTest.java:

```
package test;

public class ReturnObjectTypeTest {

    public static void main(String args[]) {
        Add add1 = createAddObject();
        int result = add1.add();
        System.out.println("Result:" + result);
    }

    public static Add createAddObject() {
        Add add = new Add(3, 4);
        return add;
    }
} //End of ReturnObjectTypeTest class
```

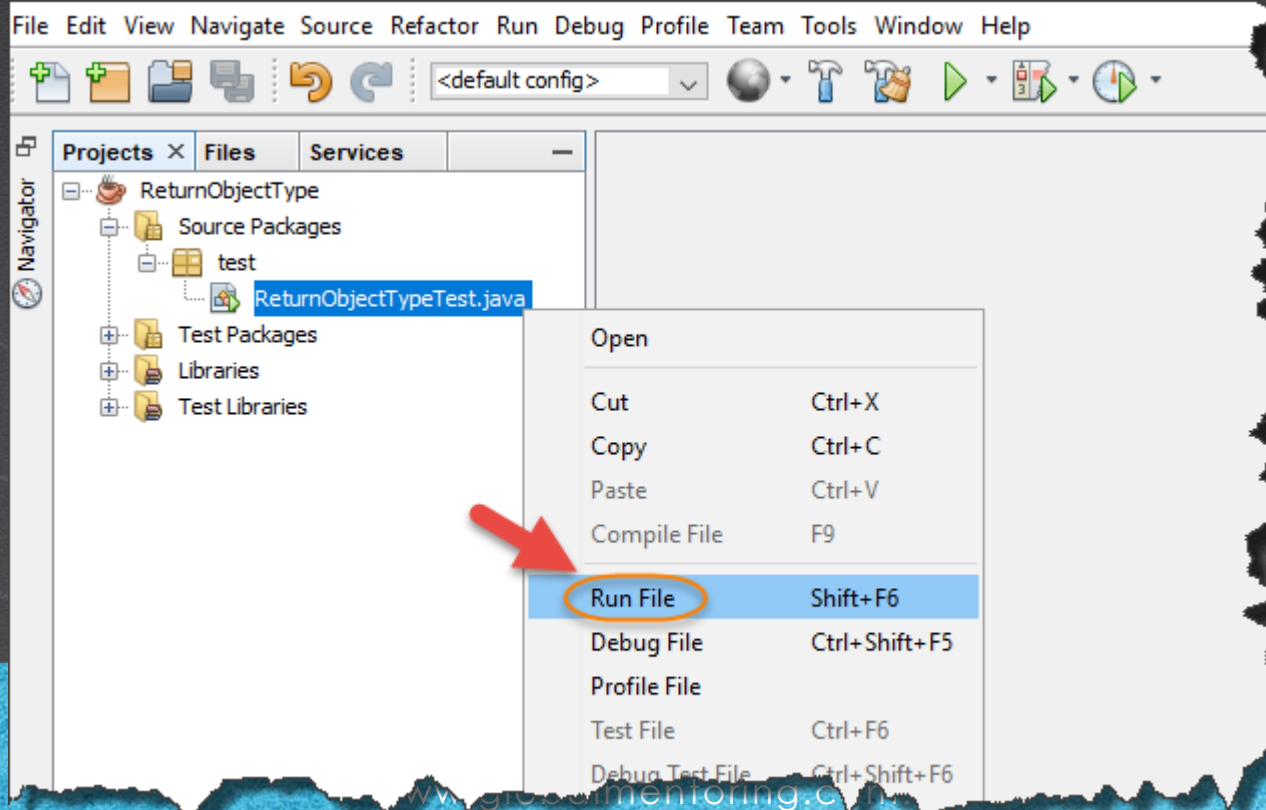

3. MODIFY THE CODE

ReturnObjectTypeTest.java:

```
class Add {  
  
    int a;  
    int b;  
  
    Add(int arg1, int arg2) {  
        a = arg1;  
        b = arg2;  
    }  
  
    public int add() {  
        return a + b;  
    }  
} //End of Add class
```

3. EXECUTE THE PROJECT

Run the project:



EXERCISE CONCLUSION

- With this exercise we have put into practice the use of the word return using the Object types.
- In this simple example, later we will use this same concept to return any Java class, either defined by us or by some other Java library.
- With this we conclude the handling of the word return.

ONLINE COURSE

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