

JAVA FUNDAMENTALS COURSE

EXERCISE

JAVA CREATION CLASES



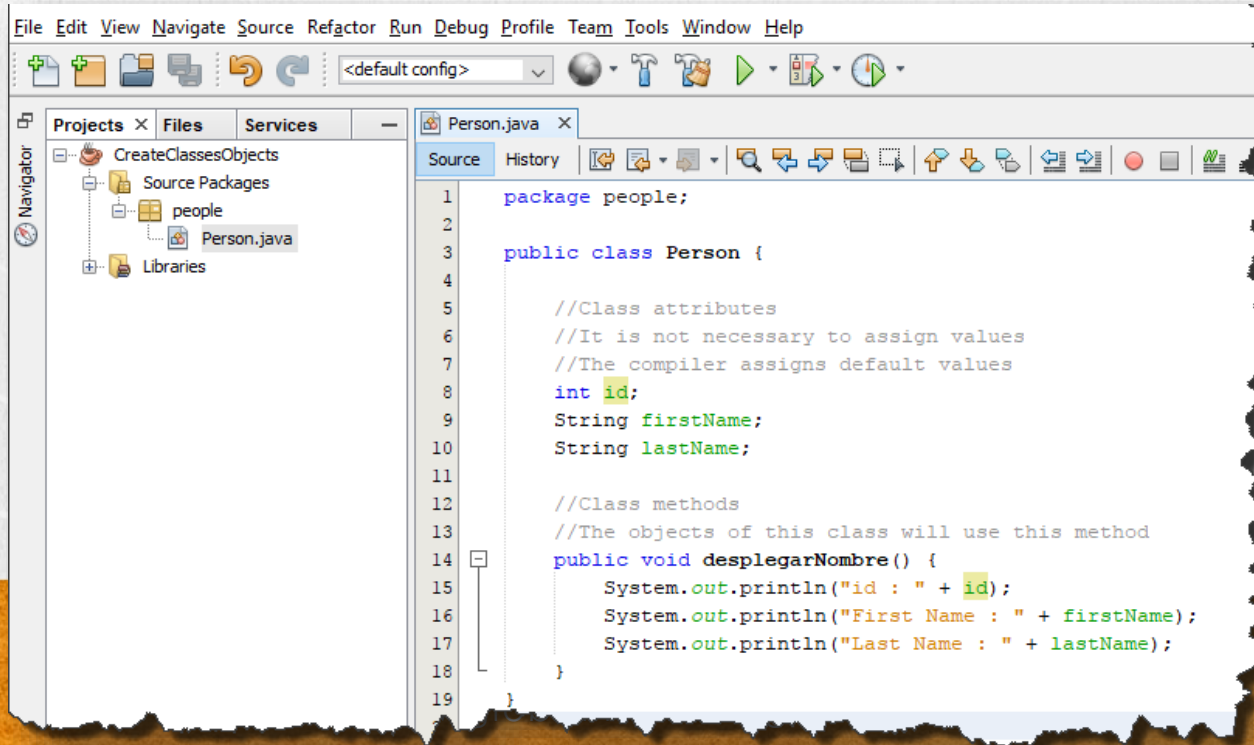
Experiencia y Conocimiento para tu vida

JAVA FUNDAMENTALS COURSE

www.globalmentoring.com.mx

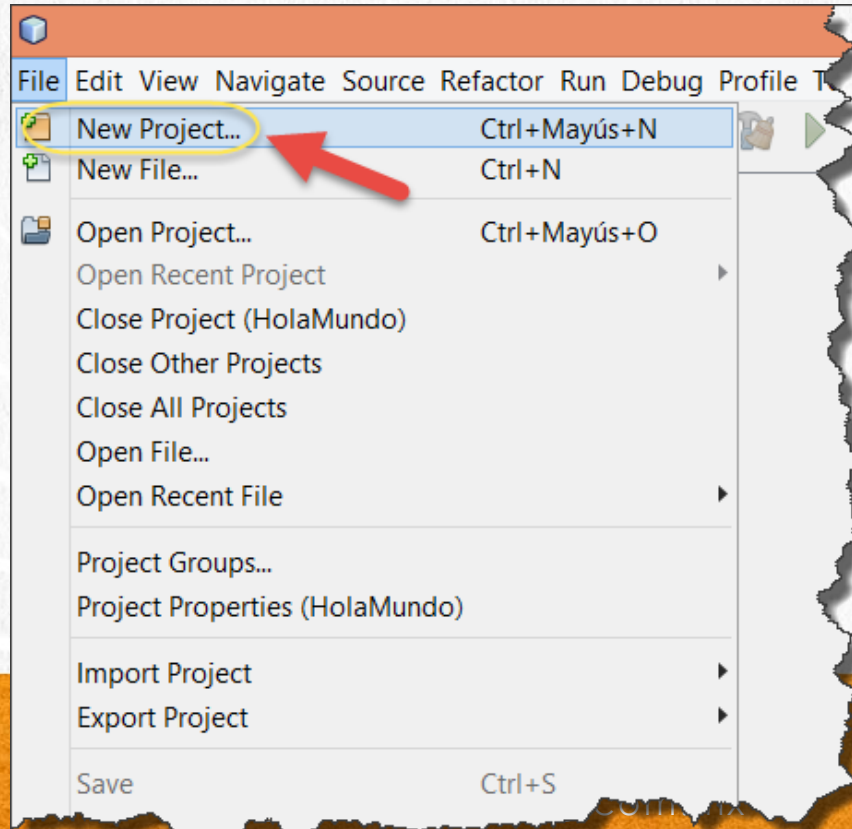
EXERCISE OBJECTIVE

Create a program to practice creating classes in Java. At the end we should observe the following:



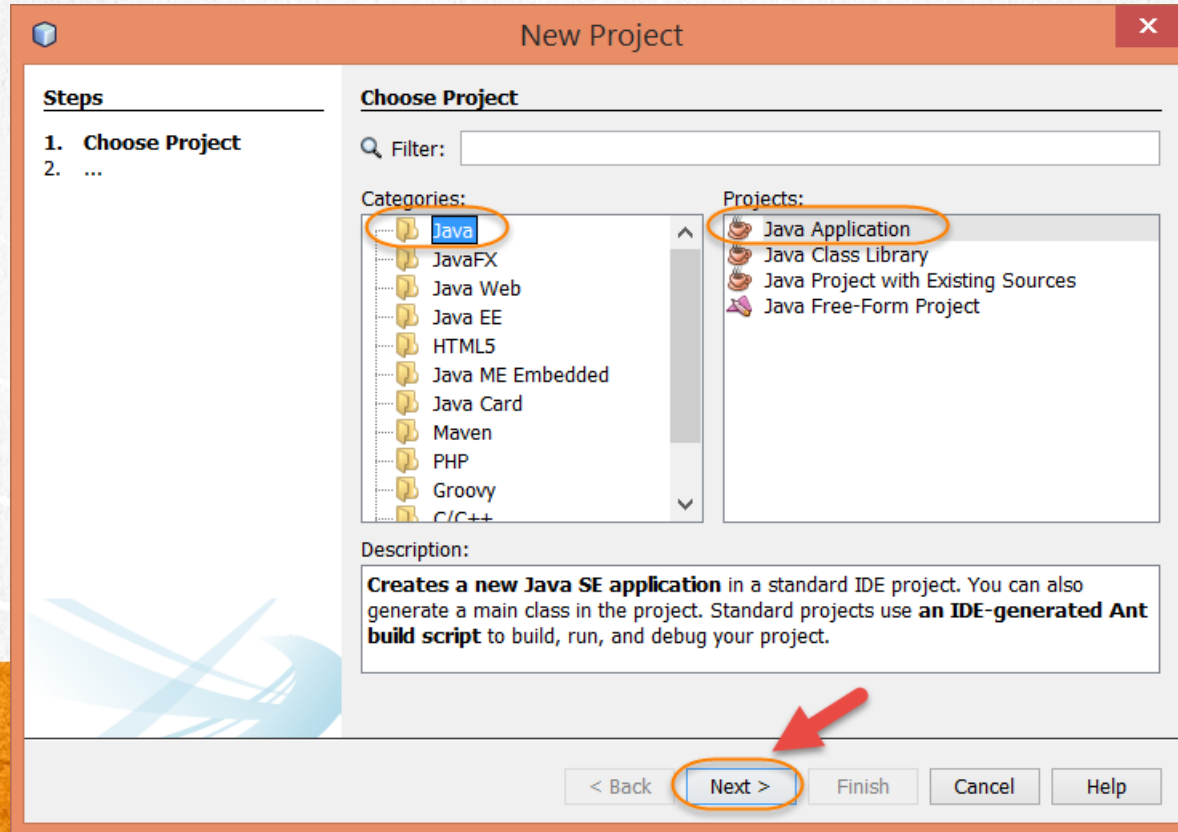
1. CREATE A NEW PROJECT

Create the Project CreateClassesObjects:



1. CREATE A NEW PROJECT (CONT)

Select Java -> Java Application:



1. CREATE A NEW PROJECT (CONT)

Create the project CreateClassesObjects:

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:

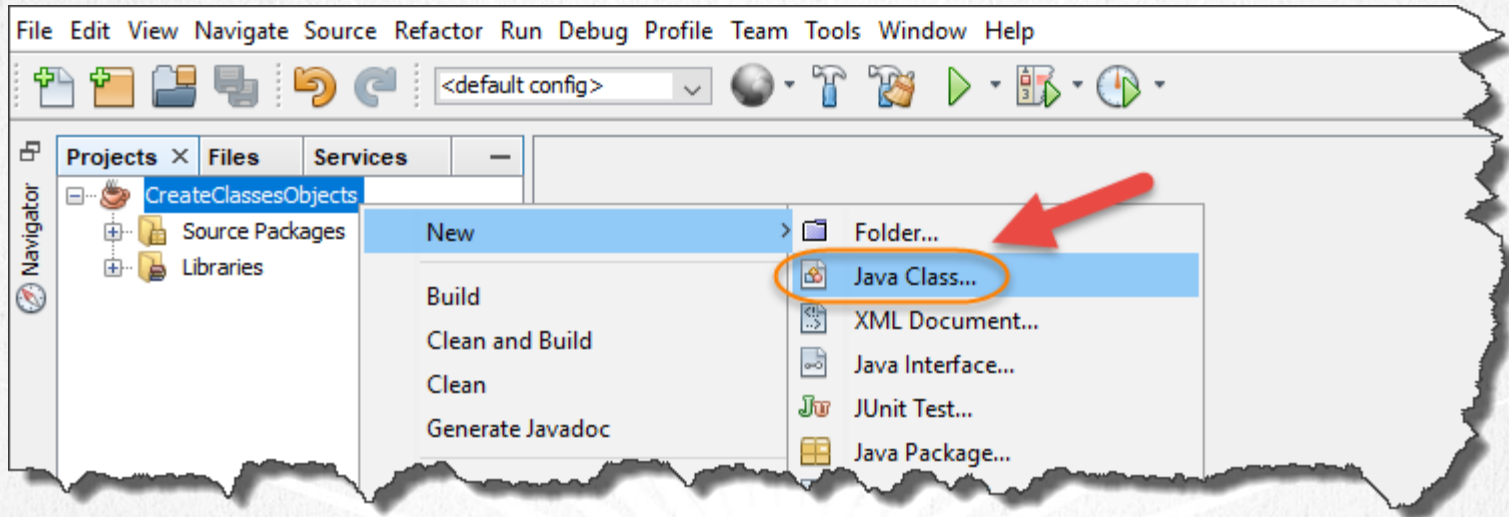
Different users and projects can share the same compilation libraries (see Help for details).

☐ Create Main Class

www.globalmentoring.com.mx

2. CREATE A NEW JAVA CLASS

Create a new Java class called Person:



2. CREATE A NEW CLASS(CONT)

Create a new Java class called Person:

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

JAVA FUNDAMENTALS COURSE

www.globalmentoring.com.mx

PASO 3. MODIFICAMOS EL CÓDIGO

Person.java:

```
package people;

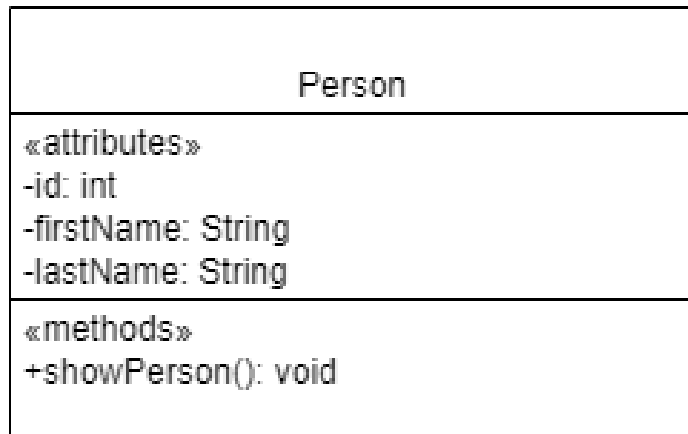
public class Person {

    //Class attributes
    //It is not necessary to assign values
    //The compiler assigns default values
    int id;
    String firstName;
    String lastName;

    //Class methods
    //The objects of this class will use this method
    public void showPerson() {
        System.out.println("id : " + id);
        System.out.println("First Name : " + firstName);
        System.out.println("Last Name : " + lastName);
    }
}
```


CLASS OR TEMPLATE

In this diagram we can see the representation of the class or template that we have created:



EXERCISE CONCLUSION

This project can not be executed yet, because the main method is needed and you need to create an object of this class to be able to execute it.

However, it is important to know that at this time we have already created our class (our template) and from this we can create objects and assign values to their properties, as well as make use of the methods of the class. In the following exercise we will finish this project by creating objects of this class.

ONLINE COURSE

JAVA FUNDAMENTALS

By : Eng. Ubaldo Acosta



JAVA FUNDAMENTALS COURSE

www.globalmentoring.com.mx