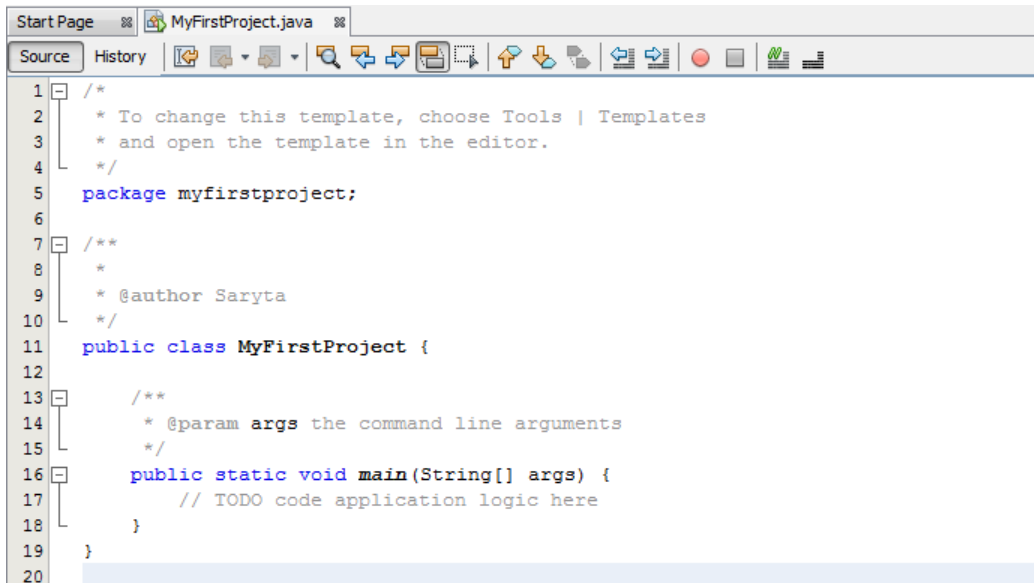# Writing A Simple Java Program

We saw how the Java code window looks like and we were able to interpret the various parts of the Java code. Now we'll learn how to write our first running Java program.

Java has a lot of inbuilt functions that we can use to accomplish most of our common tasks, we only need to import these functions in our program and use them while others are added automatically by Java when it starts.

Remember the window shown below? If you can't, please re-visit **Understanding Java Code Window** where we learned about the Java environment, the Java code editor window, how to create a Java project and how to interpret Java project window and the code editor window.
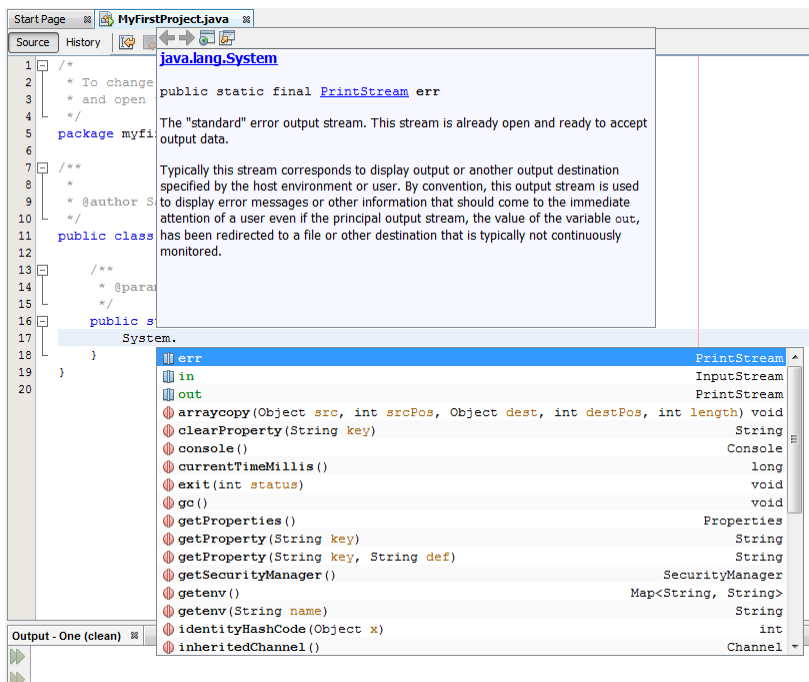
Java code editor window

To write our first program, we are going to display the text "**Hello World!! This is my first program.**" on the Java output window (console window).

To do this, we'll use of the most common Java output function, the **System.out.println( )** function, so type the following code inside the "**main**" method.
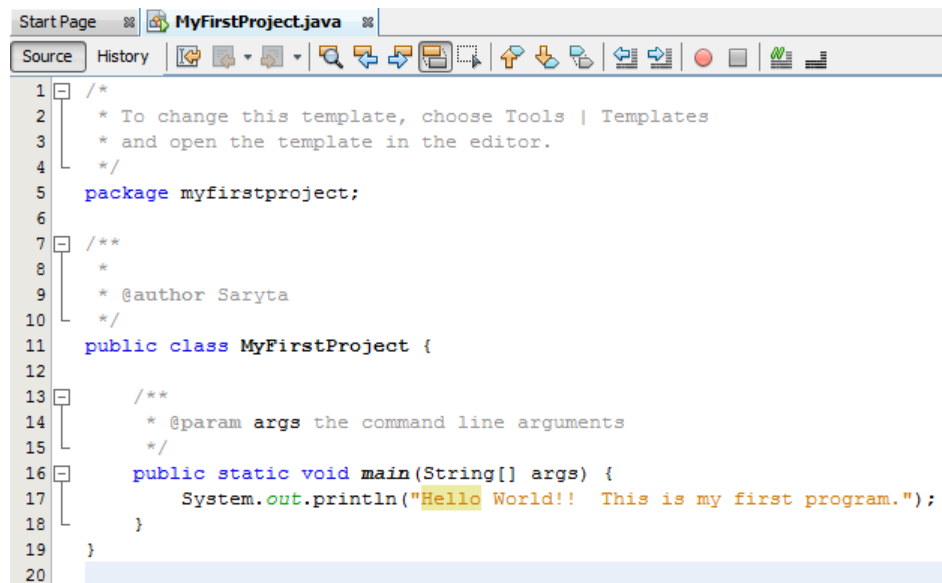

System.out.println(" Hello World!! This is my first program. ");

As you type the full stop after "**System**", notice NetBeans will try to display a list of available options and a discription, this capability of a programming language is called **IntelliSense**.

Scroll down the list to get the "**out**" and double click or press **Enter key.** When you type the dot after "**out**", again the list appears.

Again, scroll down the list to get the "**println**" and double click or press **Enter key.** What this function will do is to display the text that is inside the quotes (" ") on the output window, so type the text inside
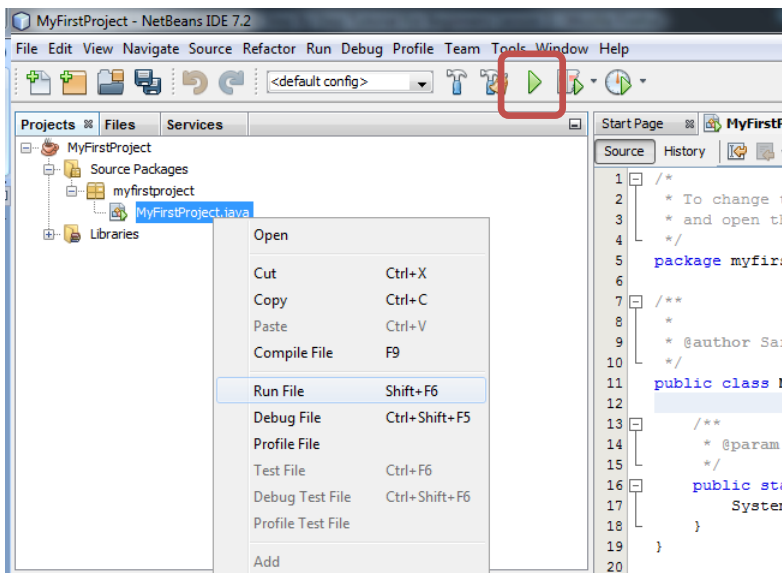
the quotes. Remember to end your code with a semicolon (;). Your code window should now look like the one shown below:

Save your program by clicking **File** >> **Save**, or **File** >> **Save All** on the menubar or click the Save icon on the toolbar at the top the screen. There are various ways you can use to **Run** your program in NetBeans. The easiest of all is to press **F6** on your Keyboard. You can also Run a program by clicking **Run** on the menubar and selecting either **Run Main Project** or **Run File**.

Also you can run your program by clicking the green arrow button on the toolbar.

Another way to Run your program is by Right clicking your file on the Projects window and selecting Run File from the menu options. This will ensure that you are running the right source code file.

Run by right clicking the file on the Projects window

Using either of the above given ways of running a program, run your program and if there are no errors you should be able to see the program output on the output display window.