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| **Simple Program of Java**  **Requirement for Hello Java Example**   |  | | --- | | For executing any java program, you need to   * Install the jdk. * set path of the jdk/bin directory * create the java program * compile and run the java program |   **Creating hello java example**  Let's create the hello java program:   1. class Simple{ 2. public static void main(String args[]){ 3. System.out.println("Hello Java"); 4. } 5. }   save this file as Simple.java   |  |  | | --- | --- | | **To compile:** | javac Simple.java | | **To execute:** | java Simple |   **Output:**Hello Java  **Understanding first java program**   * **class** keyword is used to declare a class in java. * **public** keyword is an access modifier it means it is visible to all. * **static** is a keyword, if we declare any method as static, it is known as static method. The main method is executed by the JVM, so it doesn't require to create object to invoke the main method. So it saves memory. * **void** is the return type of the method, it means it doesn't return any value. * **main** represents startup of the program. * **String[] args** is used for command line argument. We will learn it later. * **System.out.println()** is used print statement. We will learn about the internal working of System.out.println statement later.  |  | | --- | | To compile and run the above program, go to your current directory first; my current directory is c:\new . Write here: |  |  |  | | --- | --- | | **To compile:** | javac Simple.java | | **To execute:** | java Simple | |