Java8:

 java program must be compile

 then execute

After java-8:

 no need to be do compilation

**IDE (Integrated Development Environment)**

**=============================**

-> platform or software

where we can:

 write the programs

 and compile the programs

 execute the programs

 debug the programs

-> Several IDEs:

 1) VS Code

 2) Eclipse

 3) IntelliJ Idea etc.

**Eclipse Installation:**

**----------------------**

-> Eclipse is one of the open source and free IDE

-> Any Enterprise application

-> To install the Eclipse, we need to download the software.

by using the below link:

 https://www.eclipse.org/downloads/

-> Click on "packages" link

-> we need select:

 eclipse for java enterprise and web developers

 click :windows: x64

 then the file can get download inn "zip" file format.

-> Extract the zip file into normal file

-> Open that folder

 and run "eclipse.exe" file.

-> click on "browse" to select the location that where our java files need to maintain

and click on "launch"

Creation of Java project:

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file --> new --> project --> select "java project" --> click on "next"

In the new window,

 we should enter project title and select the java software version then click on "finish".

Creation of java file:

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select the "src" in the java project folder

right click of mouse

new

class

enter the class name

select "public static void main(String[] args)

click on finish.