Jenkin is an open source CI and CD tool base upon java technologies. Jenkin is known as automation tool. Jenkin is a plugin Base CI and CD tools.

To run the Jekin machine we need Java software.

By default Jekin Server run on default port number 8080.

1. We need to install Jenkin software in our local machine.
2. We can run Jenkin war file with help of Java software.
3. Using Docker we can run the Jenkin Image.

If we want to run java program through command prompt

First we need to set the path.

javac Demo.java (compile the program)

if program contains some error. It doesn’t compile as well as doesn’t generate **.class** file

if program compile successfully it will generate .class file. And we need to take the help of .class file to run the program

java Demo (run the program)

build : compile program, run the program, test the program, create documentation.