Assignment No. : 1

Title : Installation of jdk environment & following utilities. What is javac , javap and javadoc?

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1) Installation of JDK environment –

Step 1 : Go to Oracle.com/java/technologies/downloads/

Step 2 : Click on JDK Download for java download for windows JDK – 19 and Accept License   Agreement to start download and start downloading Java 19 JDK 64 bit.

Step 3 : Once JDK-19 download is complete, run the .exe file to install the java in windows.

Step 4 : Select path to install Java on windows.

Step 5 : Once you install it click close.

2) Steps to set Environment Variables –

Step 1 : Right click on my computer and select properties.

Step 2 : Click on advance system settings.

Step 3 : Click on Environment variables to set java runtime environment.

Step 4 : Click on new button of user variables.

Step 5 : Type path in variable name.

Step 6 : copy path of bin folder which is installed in JDK folder.

Step 7 : Paste path of bin folder in variable value. Click on OK Button.

Step 8 : You can follow similar process to set Classpath.

Step 9 : Click on OK Button.

3) Javac : The Javac tool reads class and interface definitions, written in Java Programming Language and compiles them into bytecode class files. It can also process annotations in java source files and classes.

4) Javap : Javap tool is used to get information of any class or interface. The javap command disassembles one or more class files.

Syntax –

    Javap [Option] [Classname]

5) Javadoc – Javadoc is document generator tool in Java Programming Language for generating standard documentation in HTML format. It generates API documentation.