LEARNING ACTIVITY SHEET
SPECIAL PROGRAM IN ICT 8
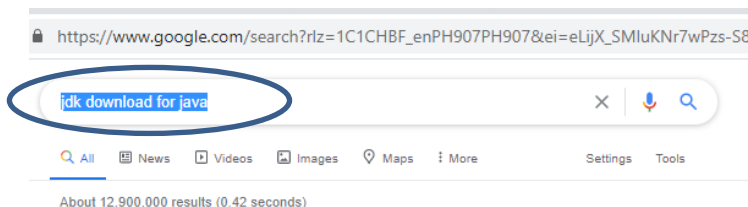**BASIC PROGRAMMING**
Second Quarter, Week 2

Set-up Java and Recognize a Java Program

BACKGROUND INFORMATION FOR LEARNERS

There are many popular programming languages such as Ruby, Python, JavaScript and of course JAVA as well as many others. Having knowledge about programming languages is crucial to anyone inclined in technology. Basic to complex understanding of coding using any programming languages is an important factor in considering a good future career. To start with it lightly, many recommends JAVA programming because it is easier to use compare to other programming languages available in the market.
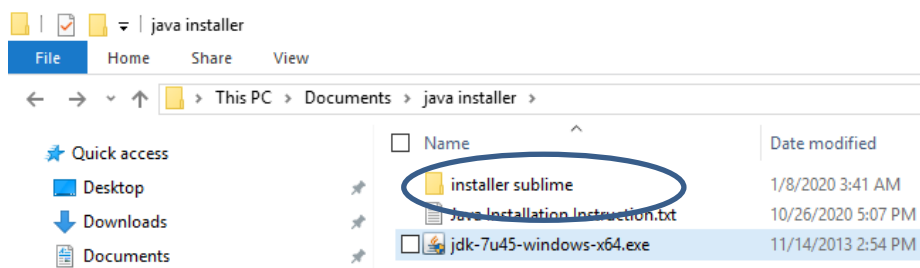
Let us learn the steps in Setting up JAVA. Here are the steps:

1. You need to Download the JDK platform you will search via google. It looks like the illustration below:
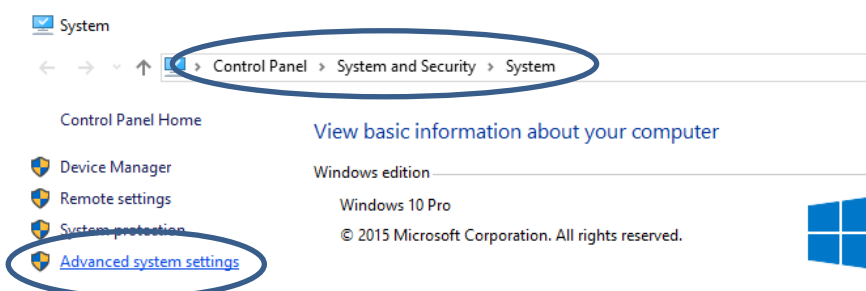

(Note: JDK stands for Java Development Kit and it has tools like compiler, debugger and other kit necessary in JAVA. JDK is available and easy to download in any java tutorial sites or you may ask your teacher for it.)
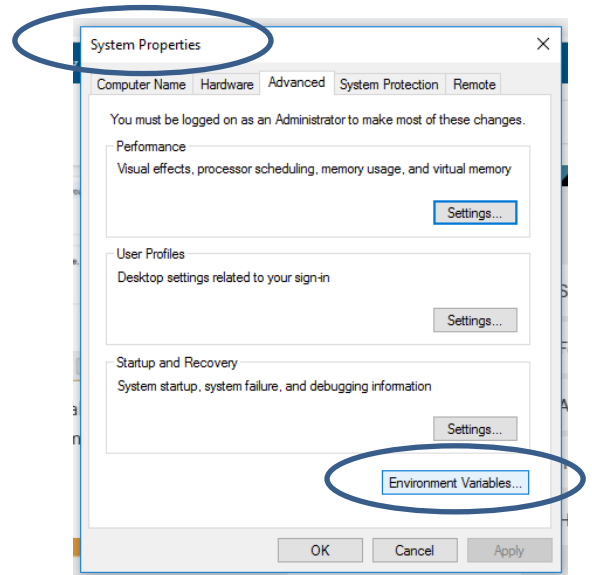
2. The next step is to run the .exe file by double-clicking on it. The purposes of running the .exe file is to install JDK.
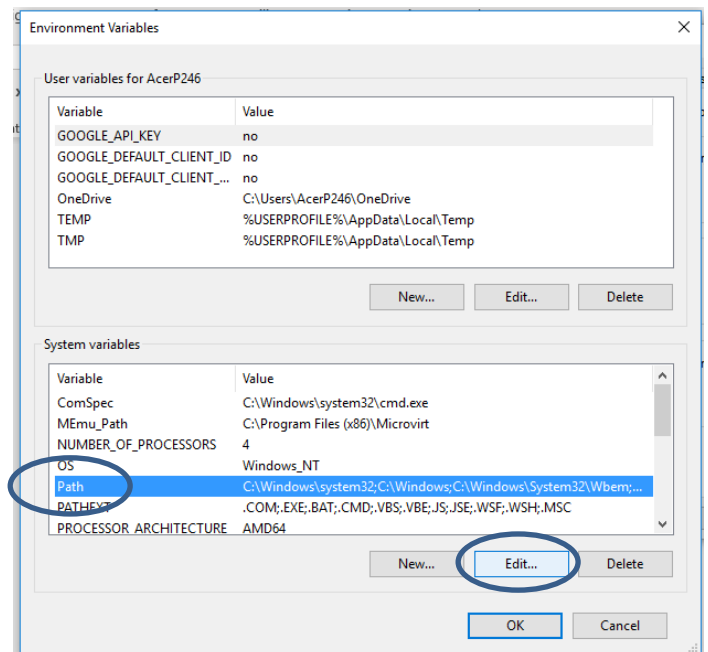

3. After installation, you need to set-up the environment variable. This could be done by following this path: **Control Panel\System and Security\System** and click on *Advanced system settings.*
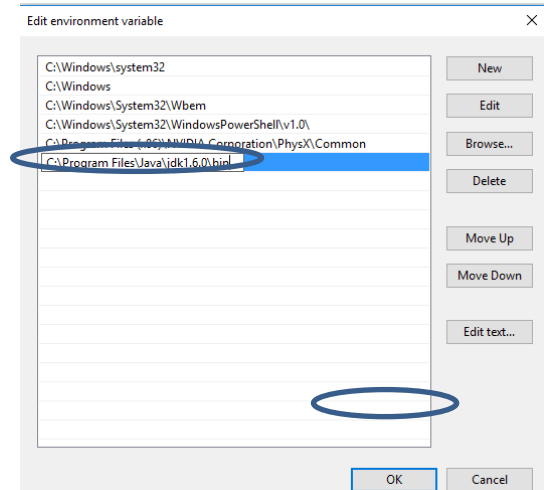
4. Upon clicking the *Advanced system settings, System Properties* pop-up will appear. Click on *Environment Variables* button.
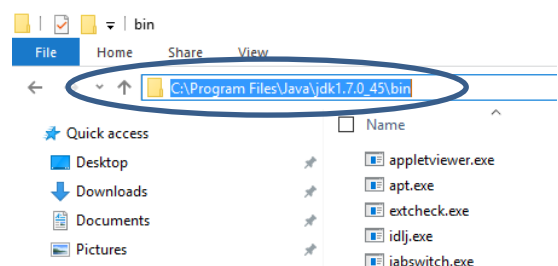
5. On the 2nd box, look for **Path**, click it. It will be highlighted as illustrated below. Click on **Edit** button.

6. Another pop-up appears. Click **New**. Paste

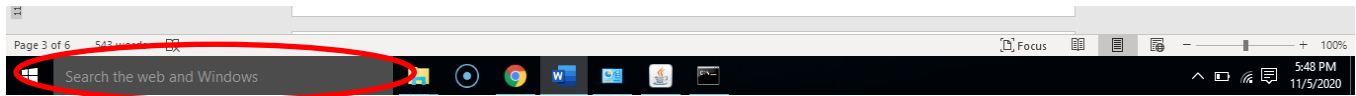the path: **C:\Program Files\Java\jdk1.7.0_45\bin**

Then click **OK.**

Note: To check the correct file path, Go to *My Computer>Program Files>Java>Bin.* From there, you will be able to see the correct path to paste. See the illustration below:
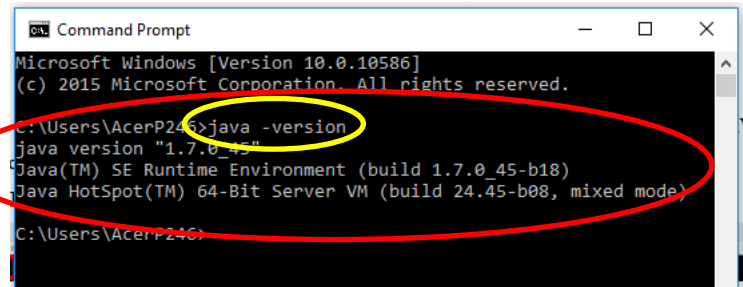
After setting up JAVA, the next thing you do is make the PC Recognize your JAVA. This is to determine whether or not you installed the java correctly. Here are the steps:

1. Type **cmd** on the Search box beside the start button on the task bar.

2. The command prompt window appears. Type **java -version**. It will show you the background of the java you just installed.
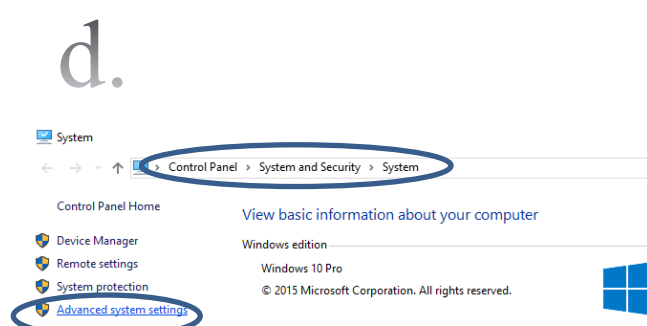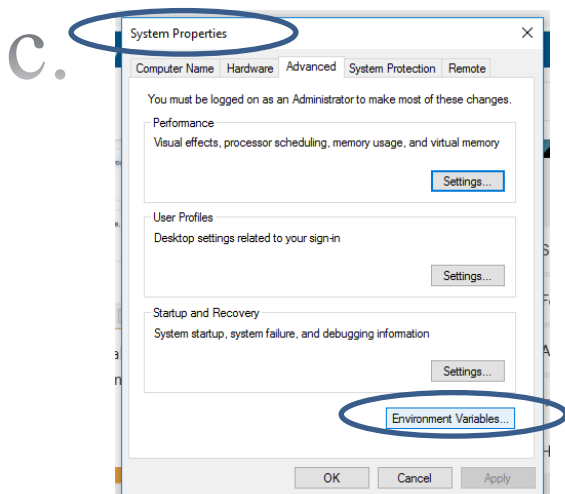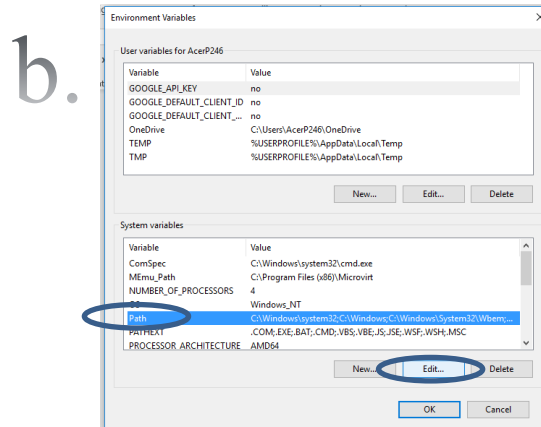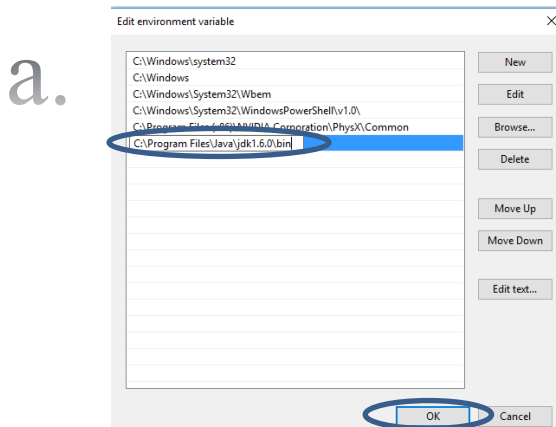
LEARNING COMPETENCY

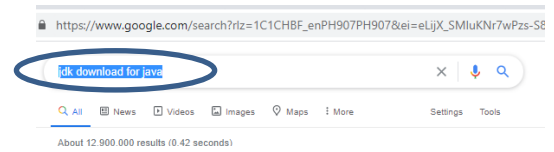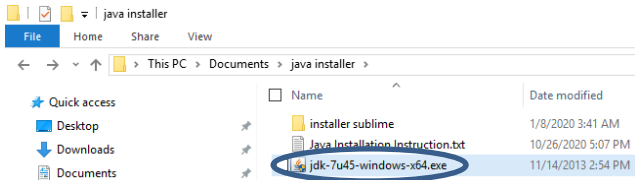Set-up Java and Recognize a Java Program.

ACTIVITIES

ACTIVITY 1
Directions: Show the procedures in setting-up JAVA by arranging the images below. Type your answer in the private comment section of our Google Classroom

a.

b.

c.

d.

e.

f.

ACTIVITY 2

Directions: Write TRUE if the statement is true and FALSE if not. Type your answer in the private comment section of our Google Classroom

1. In altering path of the JDK platform, you can copy paste any file path you see on the internet.

2. To determine if the computer recognize JAVA, you will go to control panel.

3. When you search for CMD, it will lead you to the command prompt window.

4. JDK stands for JavaScript Development Kit.

5. JAVA is a complex programming language in the market. Despite this, it is one of the most popular programming languages.

REFLECTIONS:

Type your answer in the private comment section of our Google Classroom

➢ Having the knowledge in Programming languages, how can it be someone's bridge to success in terms of career?

REFERENCES

https://www.geeksforgeeks.org/setting-environment
https://codeinstitute.net/blog/what-is-java
https://www.programiz.com/java-programming/hello-world
https://www.w3schools.com/java/java_getstarted.asp

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