

Dt : 17/8/2022

***imp**

Installing Java S/w(JDK) and Setting path:

step-1 : Download JDK from Oracle WebSite

Link:

<https://www.oracle.com/java/technologies/downloads/>

step-2 : Install JDK

Note:

**After Installation process we can find the folder
with name 'java' in 'ProgramFiles'**

C:\Program Files\Java

step-3 : Set JavaPath in 'Environment Variables'

RightClick on MyComputer->Properties->

Advanced System Settings->Environment Variables->

Click 'new' from System Variables

Variable name : path

Variable value :

C:\Program Files\Java\jdk-17.0.3.1\bin;

**step-4 : Click 'ok' for three times,then JavaPath
is Setted.**

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Note:

**=>Open CommandPrompt and check the following
commands are working or not:**

javac - command for Compilation process

java - command for Execution process

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Note:

**=>Type the following command in CommandPrompt to
know the Java version:**

java -version

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***imp**

define 'class'?

**=>class in Java is a "Structured Layout" and which
generate "Objects".**

**=>class in Java is a collection of Variables,
methods and main()**

Variables - are data holders

Methods - are actions

main() - starting point of execution

=>main() in Java having the following pre-defined

built-in format.

```
public static void main(String args[])
```

*=>we use 'class' keyword in Java to construct
classes*

Structure of class in Java:

```
class Class_name
```

```
{
```

```
    Variables
```

```
    Methods
```

```
    main()
```

```
}
```

```
=====
```

Ex-Program:

wap to display the message as "Welcome to Java"?

```
class Display
```

```
{
```

```
    public static void main(String args[])
```

```
    {
```

```
        System.out.print("Welcome to Java");
```

```
    }
```

```
}
```

```
=====
```