***Dt : 28/4/2022:***

***Installing Java S/w(JDK) and Setting path in Environment***

***Variables:***

***step-1 : Identifying the System Environment where the JDK is***

***Installed***

***(JDK is PlatForm dependent while installation process)***

***step-2 : DownLoad JDK from Oracle WebSite.***

***https://www.oracle.com/java/technologies/downloads/***

***step-3 : Install JDK***

***Note:***

***=>After installation process is Successfull,we can find***

***the folder with name "java" in ProgramFiles***

***C:\Program Files\Java***

***step-4 : Set Java-path 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-17.0.1\bin;***

***step-5 : Click 'ok' for three times,then path is setted.***

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***Note:***

***=>Open CommandPrompt and check the following Commands are***

***Working or not:***

***javac - Compilation Command***

***java - Execution Command***

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

***\*imp***

***define 'class'?***

***=>class is a 'structured layout' in java generating objects.***

***=>class in java can hold Variables,methods(functions) and***

***main()***

***Variables - are data holders***

***Methods - are the actions***

***main() - is starting point of program execution.***

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

***Structure of class in Java:***

***class Class\_name***

***{***

***//Variables***

***//methods***

***//main()***

***}***

***Note:***

***(i)In classes the starting letter must be Capital according***

***to realtime conding standards***

***(ii)In Java main() is having the following Pre-defined***

***Standard format:***

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

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

***Ex\_program-1 :***

***Wap to display the msg as "Welcome to Java"?***

***class Display***

***{***

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

***{***

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

***}***

***}***

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

***step-1 : Create folder in any drive***

***E:\Demo132***

***step-2 : Open notepad and type the program***

***step-3 : Save the program with Language extention in Folder***

***Click on File->Save->Browse and select folder->name the file***

***as "Display.java" and click 'save'.***

***step-4 : Compile the program as follows***

***syntax:***

***javac Class\_name.java***

***Ex:***

***javac Display.java***

***step-5 : Execute the program as follows***

***syntax:***

***java Class\_name***

***Ex:***

***java Display***

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

***Note:***

***=>Open CommandPromt to perform Compilation and execution***

***process.***

***=>To open CommandPrompt,GoTo folder->***

***type 'cmd' in Address Bar and press 'enter'.***

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