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1. what is java?
➔ **Java is a high-level, class-based, object-oriented programming language.**

2. In which folder can we find the javac, java, javah, javarmi commands?
➔ At bin Folder.

3. Explain all the java features in one or two lines?
➔ Object-oriented, Platform Independent, High Performance, Dynamic, Simple and Familiar

4.what all the environment variables to set to run the java programs through command prompt?
➔ We need to add java path bin path in environmental variables to run java program through command prompt.

5.what are the rules of naming the class
➔ While Naming the class we have to follow Cameel Casing, We can not give any space between class name, it not Accept any Special character and it not start with number.

6.which is the main entry point of java program
➔ The compiler always starts compiling the program from main method.

7.components of java program are?
➔Packages, Class, Object, Methods, Variables.

8.what is jvm, jre ,jdk?
➔ **JVM:** It Stands for java virtual Machine.
JVM converts the Byte code to machine level language.

JRE: It stands for java Run Time Environments
When we have to only execute java app we need to install JRE.

JDK: It stand for Java Development Kit.
JDK is use to develop as well as Run the Java application.

9.Explain the components of compile time environments and run time environments.
➔ Compile time environments: Front end, Back end and middleware
Run time environment: OS, compiler, Virtual machine.

10.what is JIT?

➔JIT is Just In Time complier to improve the performance and speed up to the compilation.

11.different types of memory in jvm.

➔ Stack Area
Heap Area
Method Area

12.In which area .class is stored?

➔ Method Area

13.In which area object are stored?

➔ Heap Area

14.Why do we call as java simple?

➔ Because java is A High-Level language, means language java is in form of human understandable

15.Why java is platform independent explain?

➔ When we compile the program using java compiler it converts .java file to .class file, the .class file contain Byte code. To run Byte Code we just need to install JVM and hence with the help of JVM and BYTE code we can run java S/W at any platform

16.Is jvm platform dependent?

➔ NO, JVM is platform dependant.

17.Is java case sensitive?

➔YES, Java is Case sensitive.

18. Is java complete object Oriented programming language?

➔ YES