JAVA

1. Platform Independent or architecture independent(Write Once Run AnyWhere)
   Platform -> Combination of OS + underlined hardware.

   Extension for source file -> .java
   Compiler -> .class (intermediate byte code)

   2. Simple & Robust
   Robust:
   Automatic Memory Management
   Exception Handling
   Platform Independent
   Thread Management

   Automatic Garbage Collection
   Secure
   Object-Oriented Support
   Multi Threaded support

   COMMENTS:
   1. Single Line Comment:
   Starts with //

   2. Multi-line comment: starts with /* and ends */

Variables:
A container which holds the data which can change during the execution

Syntax:
datatype variableName = value;

Datatypes:
Java has 8 primitive datatypes:
1. Int
2. Float
3. Boolean
4. Char
5. Byte
6. Short
7. Long
8. Double

Declaration and Initialization:
Declaration : int x;
Initialization: x = 20;
Combination: int x = 20;

TASK:
int age = 29;
System.out.println("Age = " + age);