21/07/2022

Saturday, January 22, 2022

7:34 PM

JVM Architecture:-

Class :- HelloWorld.java

HelloWorld.class

Javac Helloworld.java

Java HelloWorld

Input for a JVM:- .class file

Class Loader:- It loads the class and

Runtime Area:- Memory

Method Area:- Class level Variables Static Varaibles

Stack Area:- Local variables

Heap:- Object instances, Variables, Instance Variables

Native Method Area

Registers:- Execution of the current statement

Execution Engine :- Compilers, Interpreters, JNDI Libraries and Interfaces

Machine generated alternative text:
Stack 
Class 
Loader 
PC 
egiste 
Method 
Area 
Execution 
Engine 
Heap 
Runtime Area 
Native 
Method 
Interface 
Native 
Method 
Stack 
Native 
Library 

Machine generated alternative text:
class HelloWor1d{ 
public static void main(String args[]){ 
System.out.print1n("Happy Weekend"); 

Class :- class is keyword which uses to represent the java class

Public:- It is a Access Specifier. This method can be accessed over all.

Static:- It helps a to call a method without creating an object.

Void:- Void is return type.

Main():- It s a method starting point of a program.

String args[]:- It is an Array

System.out.println:- It is used to print the output on the Console.