Write java code

Test.java

JIT .exe

Code verifier

Class loader

Convert into byte code

Test.class

javac

Byte code(Machine independent)

JVM

Static variable initialized

Static block is executed

Machine dependent code

JVM invokes main method.

When you create object .

All the local variable are initialized of that class .

Then constructor is called.

**package** accessSpecifier;

**class** Test1 {

Test1(**int** x) {

System.***out***.println("Constructor called " + x);

}

}

// This class contains an instance of Test1

**class** Main {

Test1 t1 = **new** Test1(10);

Main(**int** i) {

t1 = **new** Test1(i);

}

{

System.***out***.println("hey");

}

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

Main t2 = **new** Main(5);

Main t3 = **new** Main(10);

}

}

o/p

hey

Constructor called 10

Constructor called 5

hey

Constructor called 10

Constructor called 10