1. What are the different buzz words used for Java?

**The java team has listed the following terms as java buzz words.**

* Simple.
* Secure.
* Portable.
* Object-oriented.
* Robust.
* Architecture-neutral (or) Platform Independent.
* Multi-threaded.
* Interpreted.

Write simple hello world java program and use commands javac, java and javap.

C:\Users\Admin\Documents>javac Runner.java

C:\Users\Admin\Documents>javap Runner

Compiled from "Runner.java"

class Runner {

Runner();

public static void main(java.lang.String[]);

}

C:\Users\Admin\Documents>java Runner

Hello World

Use “jshell” and try following:

* + “core java”.length()
  + Arithmetic operations like “int answer = 6\*7”
  + Use references like this in arithmetic operations “$1”, which got generated in previous operations.
  + Check various methods in a particular class with Math.<press tab>

jshell> String name = "amit";

name ==> "amit"

jshell> name.length()

$2 ==> 4

jshell> int x = 6

x ==> 6

jshell> int y = 7

y ==> 7

jshell> x\*y

$5 ==> 42

jshell> $5

$5 ==> 42

jshell> Math.cosh(1)

$8 ==> 1.543080634815244

jshell> Math.random()

$9 ==> 0.8702073464537324

jshell> Math.random()

$10 ==> 0.7437162131560234