

Assignment-1

Q.1 Explain different primitive and non-primitive datatypes in Java.

Q.2 Explain the terms literals and their types with the help of suitable example.

Q.3 What do you mean by an Array in Java. explain the following in context of Array:

(a) Single dimensional Array

~~(b) Two dimensional~~

(b) Multidimensional Array

Give appropriate example using source code.

Q. 4 Explain the following through definition, syntax and source code

(a) if

(b) if-else

(c) if-else-if ladder

(d) Nested if.

(e) Switch case

Q. 5 Explain Arithmetic and logical operators with the help of example.

Q. 6 Explain the concept of loops in Java with proper syntax for the following:

(1) For loop & its variants (For each & labeled for loop)

(2) While

(3) Do-while.

Q. 7 What are the various promises of Java. How sandbox model helps to achieve these security aspects

Q. 8 Explain the JVM architecture in detail with the help of block diagram.