Object Oriented Programming (AIML202)

Assignment-I

Q.1Explain different primitive and non-primitive data type in java.

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

Q.3What do you mean by an array in java. Explain the following in context of array:

a) Single dimensional array

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 operator with the help of example.

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

1) for loop and its variants(for each and labelled for loop)

2) While

3) Do-While

Q.7What are the various promises of java? How Sandbox model helps to achieve these security aspects.

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