ASSIGNMENT-11(3FEB)

Q. What is a String in java?

Ans- It refers to an object in the java present in package called java.lang.String. It refers to collection of characters.

Q. Types of String in java are?

Ans- String in java are classified into two types:-

1. Mutable String.
2. Immutable String

Q. In how many ways can you create string objects in java?

Ans- We can create string object in java in two ways- by java string literal and by new keyword.

Q. What is a String Constant pool?

Ans- It is a memory area present in heap memory build just for the Strings. Here address object of String are stored, but no duplicate object.

Q. What do you mean by mutable and immutable objects?

Ans- Once if we create a string, on that string if we try to perform any operation and if those changes get reflected in the same object then such strings are called mutable string whereas once if we create a string, on that string if we try to perform any operation then those changes won't be reflected in the same object, rather a new object will be created. Such type of String is called immutable string.

Q. Where exactly is the string constant pool located in the memory?

Ans- String constant pool is located in the Java heap memory.