**ASSIGNMENT - 8**

Q1

Ans : The collection of characters enclosed with doble colon.

Q2

Ans: There are two types of string in java:

1. immutable
2. mutable

Q3

Ans: these are the ways in which we can create a string object java:

1. String s1= “abd”;
2. String s2=new String (“abd”);
3. StringBuilder s3= new StringBuilder(“abd”);

Q4

Ans : string constant pool is a area in heap memory in which a string object is created when we create a string object as “String s= “numbers””. in SCP, no duplicates is allowed.

Q5

Ans : Immutable string is the string in which we cannot change in that string object whereas in mutable string we can change in same object.

Q6

Ans : string constant pool is located inside the heap memory.