Strings in java Assignment

Assignment(11)

1. **What is a String in java?**

    Ans:- String are the collections of character in java. It is a class in java by which we can create an object . it refers to an object in java present in package called java.lang.String.

2. **Types of String in java are?**

    Ans:- There are two types of String in java:-
    a.   Mutable string
    b.   Immutable string

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

    Ans:-There are two ways to create a string object in java:-
    a.   By the help of String literal : String s = "Aditya"
    b.   By the help of new keyword: String s = new String("Aditya")

4. **What is a string constant pool?**

    Ans:- String constant pool is a special memory area .
    When we create a string , jvm creates the object in the pool and stores its referenece on the stack.

5. **What do you mean by mutable and immutable objects?**

    Ans:- mutable object are those type of object which can be modified after the creation but the immutable objects are those type of objects are those type of object which can not be modified after their creation rather than creating a new object with new identity.

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

    Ans:- String constant pool located in the memory of permanent generation area of heap memory.