1. What is a string in java.

**Ans:-** string is a collection of characters. String is object in java and java provide string class to manipulate string.

1. Types of string in java are?

**Ans:-** 1) immutable string( non changeable) for eg - string

2) mutable string (changeable) for eg - string

buffer,string builder

1. In how many ways you can create String objects in java.

**Ans:-** there are two ways one is using new operator and second is using string literals.1) eg - String str = new String(“how are you”); and 2) String str = “How are you”;

1. What is a string constant pool.

**Ans:-** if we will make string without new keyword in that case memory will allocated in string constant pool and referencer will reference it only.two string with the same content not allowed in string constant pool.Jvm keeps one copy of heap memory string object in string constant pool and no reference to it and garbage collector doesnt occur in string constant pool.

1. What do you mean by “immutable” and “mutable” objects?

**Ans:-** immutable object is non changeable. And cannot modify it once declared like constant.Mutable objects are changeable and can do modify operations on mutable objects.

1. Where exactly is the string constant pool located in the memory.

**Ans:-** string constant pool located in heap memory. JVM reserves Some part of the heap memory to store string object which is created using string literals.