Q1.Explain String class in java programming?

Ans:

String is a Pre-defined class present in java.lang package

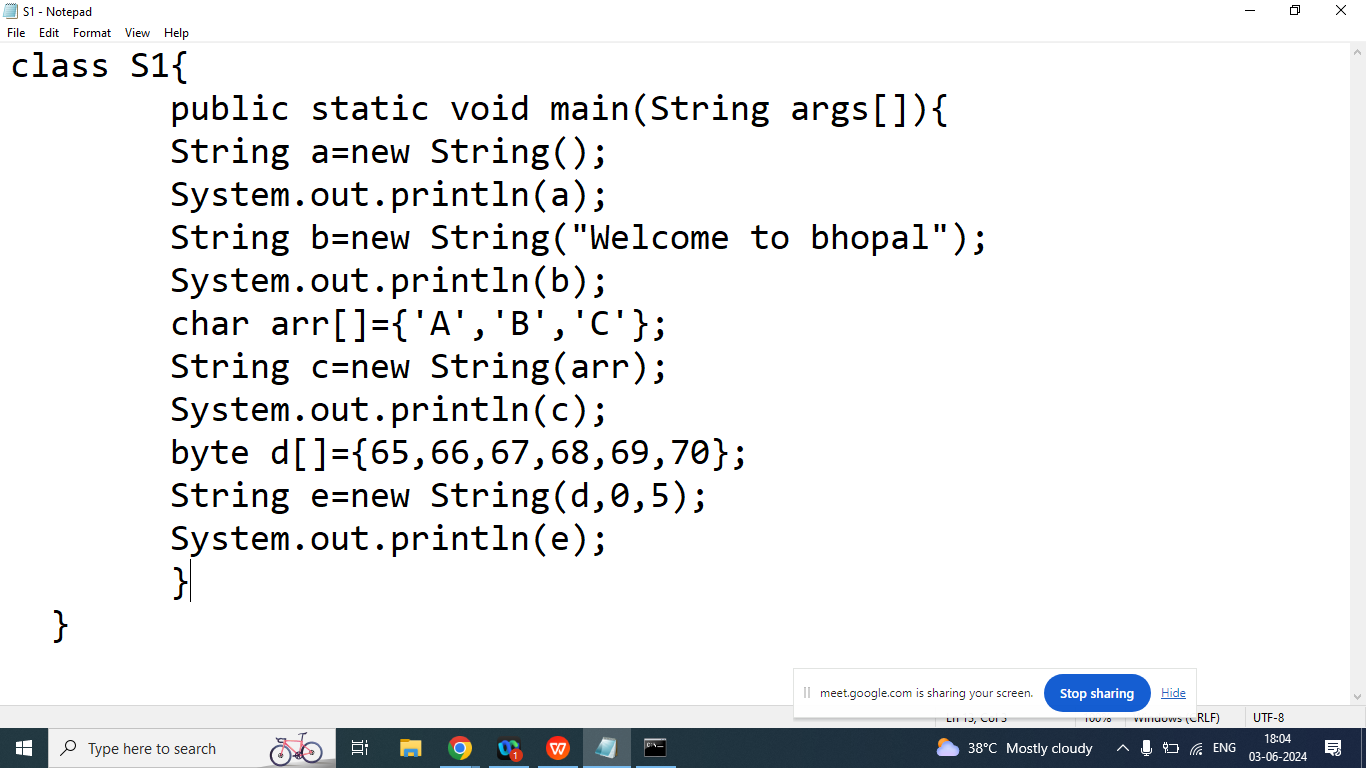
String is Immutable class

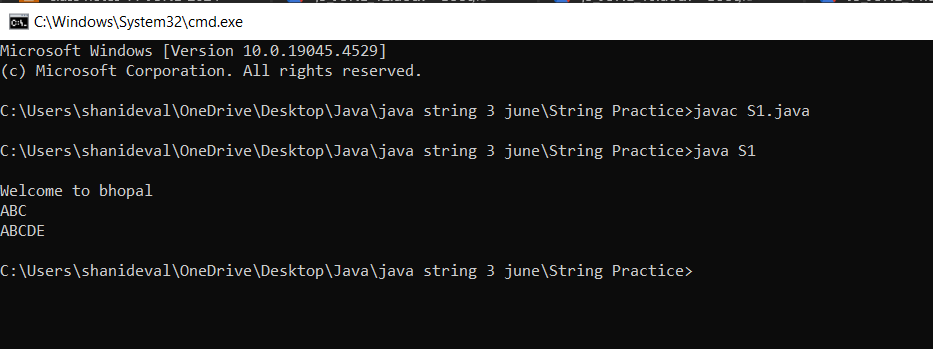
If our content are fixed and we won’t perform any modification then we should go for String class

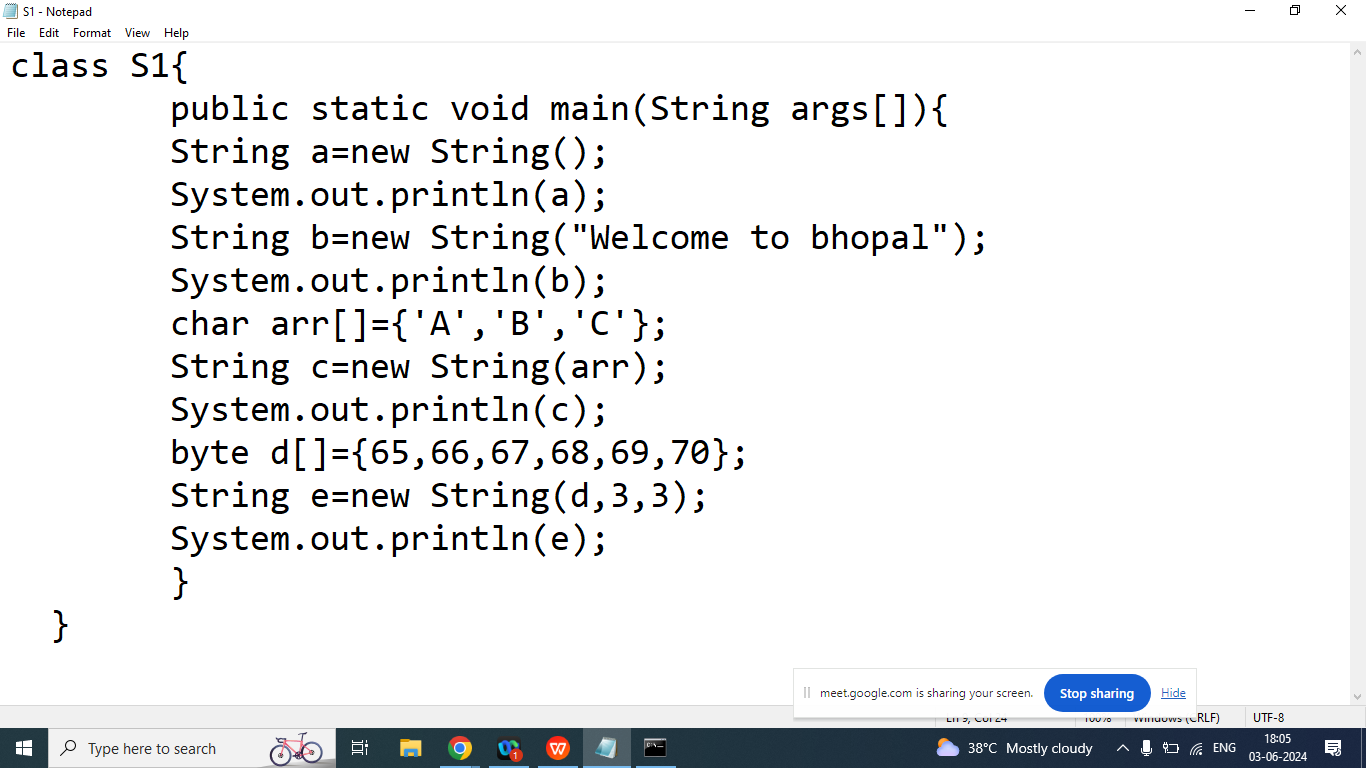
String is sequence of character

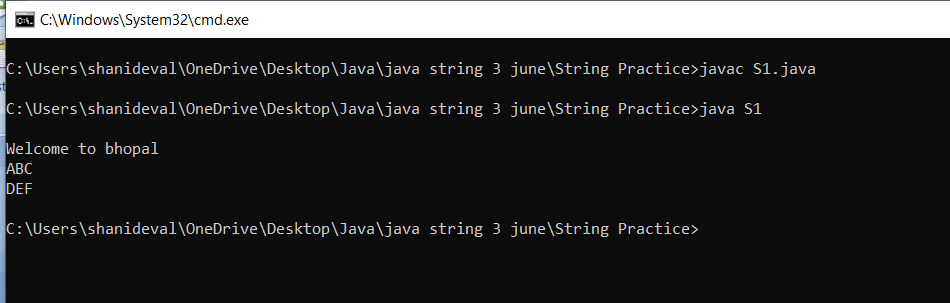
**String class**

1. **String()**
2. **String(String str)**
3. **String(char array)**
4. **String(byte arr[],int start,int number of character)**









**String class Methods**

1. **charAt()**
2. **compareTo()**
3. **concat()**
4. **contains()**
5. **endsWith()**
6. **equals()**
7. **equalsIgnoreCase()**
8. **isEmpty()**
9. **indexOf()**
10. **lastIndexOf()**
11. **length()**
12. **split()**
13. **startsWith()**
14. **substring()**
15. **toCharArray()**
16. **trim()**
17. **valueOf()**

Q1. Explain String class **charAt()**method?

Ans: Return the character at the specified position

Syntax:

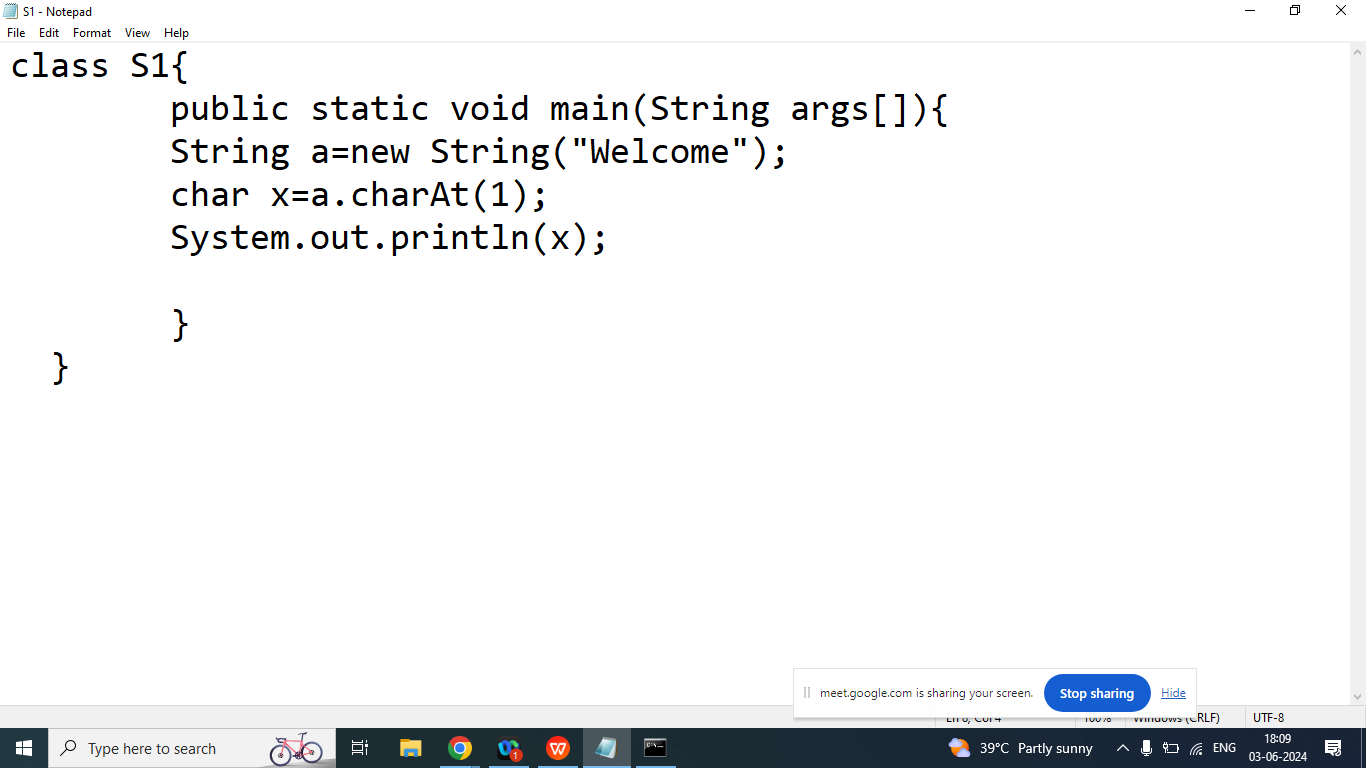
char charAt(int index);

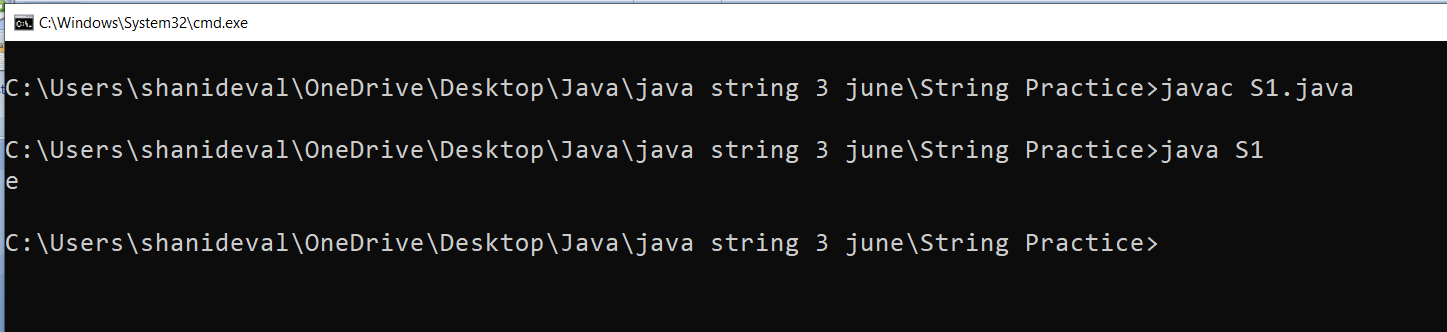
Example:

String str=”Welcome”;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| W | e | l | c | o | m | e |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 |

char x=str.charAt(3);





Q2. Explain String class **compareTo()** Method in java programming?

Ans:

It is used to compare two String on the basis of alphabetically order

Syntax:

int compareTo(String)

Example:

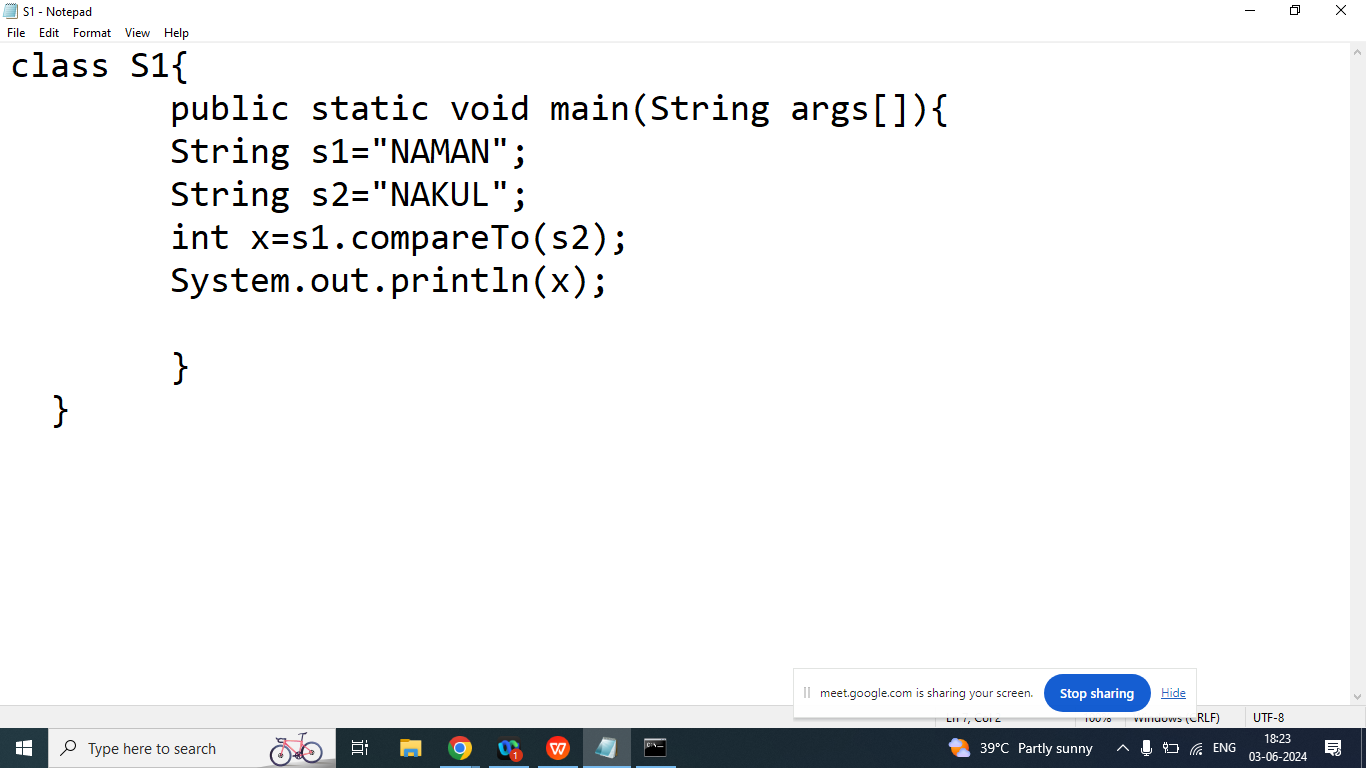
String s1=”a”;//97

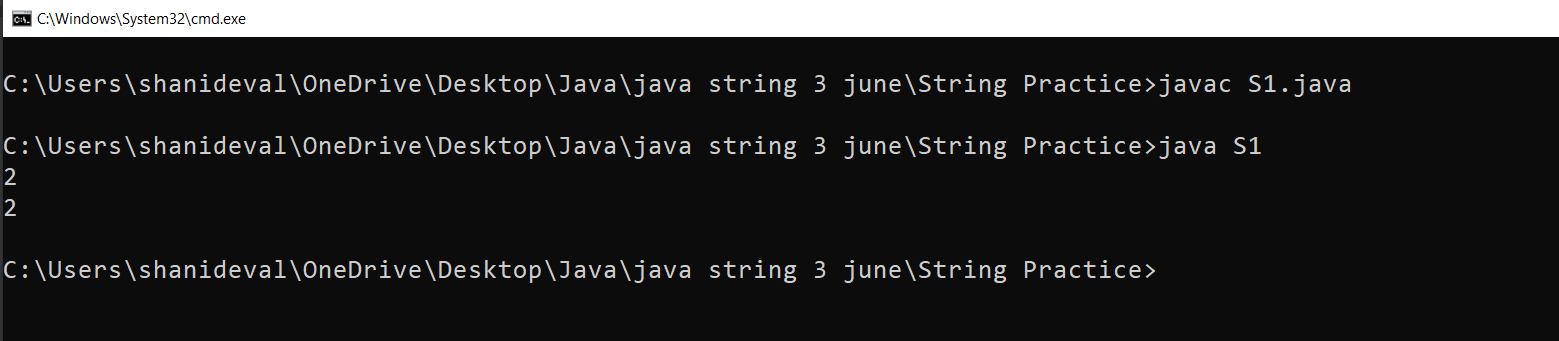
String s2=”A”;//65

s1.compareTo(s2);: Return Positive value if s1>s2

s1.compareTo(s2);: Return Negative Value value if s1<s2

s1.compareTo(s2): Return 0 if s1 and s2 are equal





Q3. Explain String class **concat()** Method in java programming?

Ans:

