

## STRINGS AND TYPES:

=====

- 1.String functions
- 2.Literal String
- 3.Non Literal String
- 4.Mutable String
- 5.ImMutable String

## TECHNICAL QUESTIONS:

=====

- 1.What is mean by string?
- 2.How to find length of the string?
- 3.How to find partcular character in string?
- 4.How to split the string?
- 5.What is difference between literal String and non literal string?
- 6.What is mutable and immutable string?
- 7.Difference between stringbulider and stringbuffer?
- 8.Method name to identify memory location?
- 9.What are the string functions available in java?
- 10.What is difference between charAt() and contains() method?
- 11.What is the return type of compareTo()
- 12.Where the Literal String and non literal String stores?
- 13.What is mean by ASCII value?

## TASKS

=====

### QUESTION 1:

-----

Description: Find the length of the below string

- String 1: EducationalTechnology
- String 2: SeleniumAutomationtool
- String 3: Acer
- String 4: j a v a p r o g r a m
- String 5: 8765986900

### QUESTION 2:

-----

Description: Find the particular character index in the given string

- String 1: EducationalTechnology  
Find the last index of o
- String 2: SeleniumAutomationtool  
Find the index of o
- String 3: Chennai  
Find the index of n
- String 4: j a v a p r o g r a m  
Find the last index of (emptyspace)
- String 5: 886969970  
Find the index of 8

### Question 3:

-----

Description: Find the particular character in the given string

- String 1: EduTechnology  
print the character h

String 2: SeleniumAutomationtool  
print the character o

String 3: Acer  
print the character e

String 4: j a v a p r o g r a m  
print the character p

String 5: 8086575868  
print the character 7

#### QUESTION 4:

-----

Description : Get two input from user and check the equality  
: print in the output whether it is Equal or not

Example:

-----

Input :

String 1 : Java

String 2 : Java

Example:

-----

Input :

String 1 : Java

String 2 : java

Example:

-----

Input :

String 1 : Edu Technology

String 2 : EduTechnology.

Example(use equalsIgnoreCase):

-----

Input :

String 1 : Java

String 2 : java

Example(use equalsIgnoreCase) :

-----

Input :

String 1 : Nisha

String 2 : nisha

#### QUESTION 5:

-----

##### QUESTION 5.1:

-----

Description: Get the email id from the user and verify '@' is present or not?

Example:

-----

Input = chnennai2024@gmail.com

Output = valid email id

##### QUESTION 5.2:

-----

Description: Get the address from the user and verify "pincode" is present or not?

Example:

-----

Input = 11, North Street, venkatesh puram, Chennai  
Output = invalid address

QUESTION 5.3:

-----

Description: Get the email from the user and verify '@' is present or not and return true or false?

Example:

-----

Input = Nirala24@gmail.com  
Output = True/False

QUESTION 5.4:

-----

Description: Get the phonenumber from the user and verify any character is present or not .

If character is present return invalid number

Example:

-----

Input = 9078899a6o78  
Output = False