STRING METHODS

1. Write a program that takes two user inputs for first and last name using prompt and merge them in a new variable

titled **fullName**. Greet the user using his full name.

2. Write a program to take a user input about his favorite mobile phone model. Find and display the length of user input in your browser

My favorite phone is: Samsung Galaxy S6 Edge Plus
Length of string: 28

3. Write a program to find the index of letter "n" in the word "Pakistani" and display the result in your browser .

String: Pakistani
Index of 'n': 7

4. Write a program to find the last index of letter "l" in the word "Hello World" and display the result in your browser.

```
String: Hello World
Last index of 'l': 9
```

5. Write a program to find the character at 3rd index in the word "Pakistani" and display the result in your browser.

```
String: Pakistani
Character at index 3: i
```

6. Repeat Q1 using string concat() method.

7. Write a program to replace the "Hyder" to "Islam" in the word "Hyderabad" and display the result in your browser.

City: Hyderabad
After replacement: Islamabad

8. Write a program to replace all occurrences of "**and**" in the string with "**&**" and display the result in your browser. *var message = "Ali and Sami are best friends. They play cricket and football together.";*

9. Write a program that converts a string "472" to a number 472. Display the values & types in your browser.

Value: 472
Type: string
Value: 472
Type: number

10. Write a program that takes user input. Convert and show the input in capital letters.

User input: peanuts
Upper case: PEANUTS

11. Write a program that takes user input. Convert and show the input in title case.

User input: javascript
Title case: Javascript

12. Write a program that converts the variable **num** to string.

var num = 35.36 ;

Remove the dot to display "3536" display in your

Number: 35.36
Result: 3536

browser.

13. Write a program to take user input and store username in a variable. If the username contains any special symbol

among [@ . , !], prompt the user to enter a valid username. For character codes of [@ .

cm@d
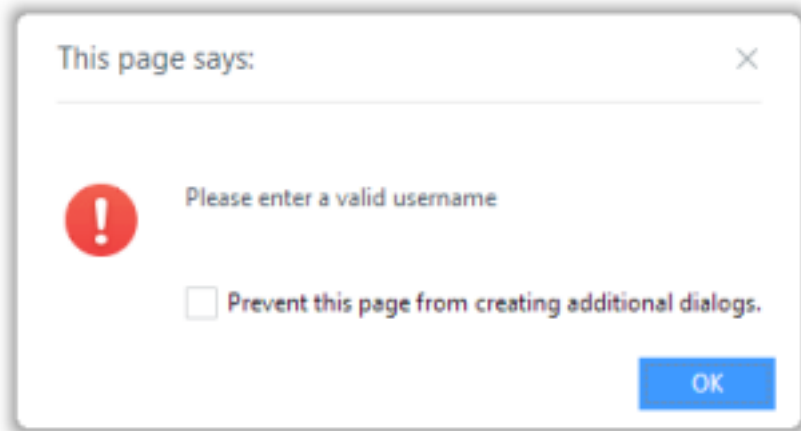

14. You have an array
    A = [cake", "apple pie", "cookie", "chips", "patties"]
    Write a program to enable "search by user input" in an array. After searching, prompt the user whether the given item is found in the list or not.
    Note: Perform case insensitive search. Whether the user enters cookie, Cookie, COOKIE or coOkIE, program should inform about its availability. Example:

cookie is **available** at index 2 in our bakery

15. Write a program to take password as an input from

user. The password must qualify these requirements:

a. It should contain alphabets and numbers

b. It should not start with a number

c. It must at least 6 characters long

If the password does not meet above requirements, prompt the user to enter a valid password.

For character codes of **a-z, A-Z** & **0-9**, refer to ASCII table at the end of this document.

16. Write a program to convert the following string to an array using string split method.

    var university = "University of Karachi";

    Display the elements of array in your browser.

17. Write a program to display the last character of a user input.

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18. You have a string "The quick brown fox jumps over the lazy dog". Write a program to count number of occurrences of word "the" in given string.