- 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.

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

  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

-
  String: Pakistani
  Index of 'n': 7

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

- 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

String: Pakistani
Character at index 3: i

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

City: Hyderabad
After replacement: Islamabad

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

- 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.";

- 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
```

- Write a program that takes user input. Convert and show the input in capital letters.
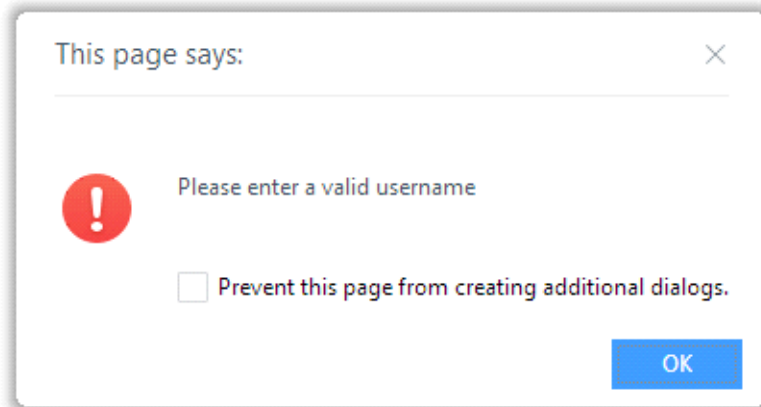
```
User input: peanuts
Upper case: PEANUTS
```

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

```
User input: javascript
Title case: Javascript
```

```
Number: 35.36
Result: 3536
```

-
- Write a program that converts the variable **num** to string.
  var num = 35.36 ;
  Remove the dot to display "3536" display in your browser.

- 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 [@ .
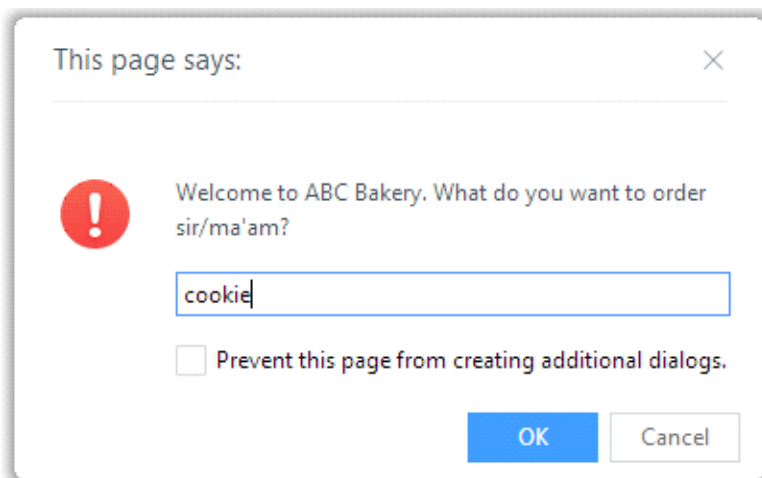
cm@d

This page says: ×

⚠   Please enter a valid username

☐ Prevent this page from creating additional dialogs.

OK

- 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:

This page says: ×

⚠   Welcome to ABC Bakery. What do you want to order
     sir/ma'am?

cookie

☐ Prevent this page from creating additional dialogs.

OK   Cancel

We are sorry. pastry is **not available** in our bakery

This page says: ×

(!)   Welcome to ABC Bakery. What do you want to order
        sir/ma'am?

        pastry

        ☐ Prevent this page from creating additional dialogs.

                              OK   Cancel

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

- 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.

Entered password: 123cmad
Password can not begin with a number
Please enter a valid password

- 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.

University of Karachi

-
  ```
  User input: Pakistan
  Last character of input: n
  ```

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

-
  ```
  Text: The quick brown fox jumps over the lazy dog
  There are 2 occurrence(s) of word 'the'
  ```

  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.