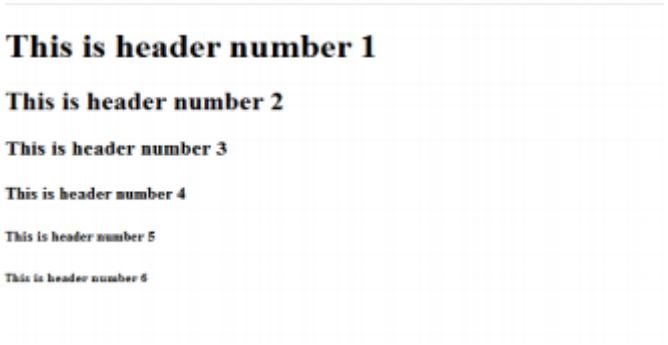
JavaScript Fundamentals Day1

1. Write a script that takes from the user n values and returns their sum, stop receiving values from user when he enters 0 or sum exceeds 100, check that the entered data is numeric and inform the user with the total sum of the entered values.
2. Ask the user to enter a message then display it using the different html heading tags (from <h1> to <h6>) using Loops. DO NOT write the header element explicitly in your script!



3- Ask the user to enter his info first name, last name, and his mobile number validate and display it with a welcoming message Using a coloring format according to user's choice. The user has to choose either (red, green or blue color), take his choice via prompt.

parameter	validation
First name and last name	Should be character not a number
Mobile number	Should be number with length 11

1.String object

1.1 Write a script to determine whether the entered string is palindrome or not. Ask the user whether to consider case of the entered string or not, handle both cases in your script i.e. RADAR NOON MOOM are palindrome.

Note: raDaR is not a palindrome if user requested considering case of entered string.

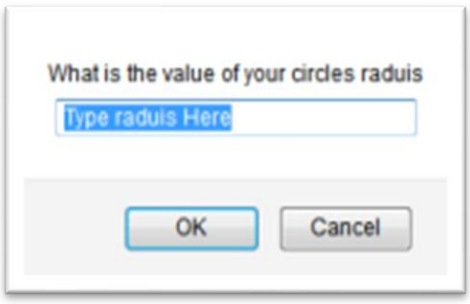
1.2 write a script that accepts a string from user through prompt and count the number of 'e' characters in it.

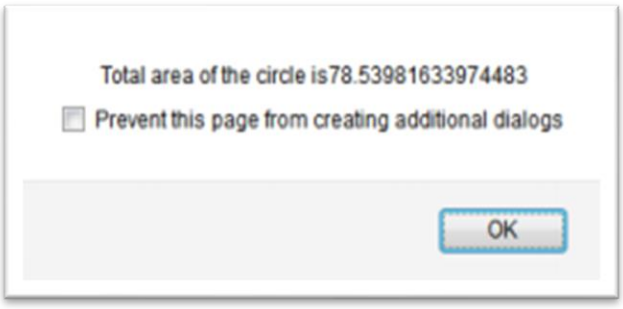
1.3 Write a script that reads from the user his info; validates and displays it with a welcoming message.

Parameter	Validation
Name	Should be character, i.e Not a number
Phone Number	Should be number, with length = 8
Mobile Number	Should be numbers, with length =11 and starts with (010|011|012)
Email	Should use regular exp. To validate that the email is formatted correctly.(abc@123.com). (Use RegExp).

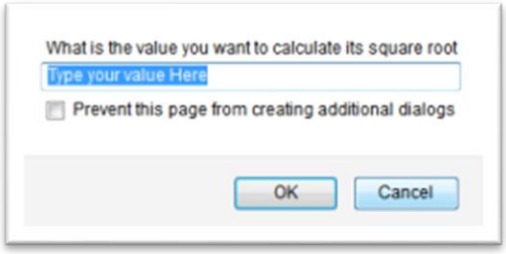
2. Math Object

2.1 Write a script that ask the user to Enter the value of a circle's radius in order to calculate its area as shown in fig.



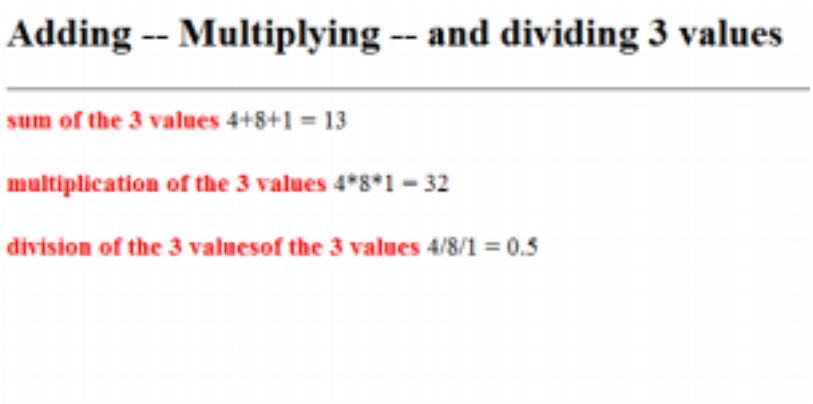


2.2 Enter another value to calculate its square root and alert the result as shown in fig.



3. Array Object

3.1 Fill an array of 3 elements from the user, and apply each of the following mathematical operations on it (+, *, /). Format the output as shown in Fig.



3.2 Fill an array of 5 elements from the user, sort it in descending and ascending orders then display the output as shown in Fig.