JavaScript Fundamentals Day2

1.String object
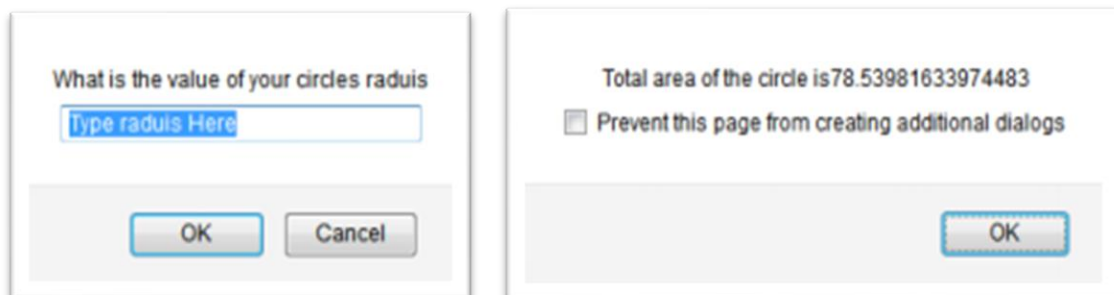
1.1 Write a script that reads from the user his info; validates and displays it with a welcoming message.

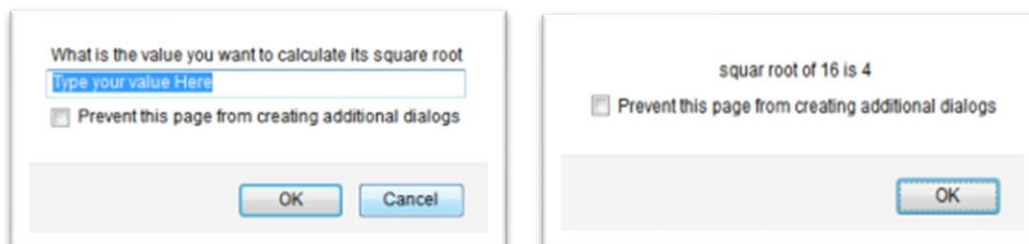| Parameter	Validation
Name	Should be character, i.e Not a number
Phone Number	Should be number, with length = 8
Mobile Number	Should be numbers, with length =11 and starts with (010|011|012)
Email	Should use regular exp. To validate that the email is formatted correctly.(abc@123.com). (Use RegExp).

2. 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.

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.

Adding -- Multiplying -- and dividing 3 values

sum of the 3 values 4+8+1 = 13

multiplication of the 3 values 4*8*1 = 32

division of the 3 valuesof the 3 values 4/8/1 = 0.5

4. Function

1- Create a function that accepts only 2 parameters and throw exception if number of parameters either less than or exceeds 2 parameters

2- Write a function that takes any number of parameters and returns them reversed using array's reverse function.

3- Write your own function that can add n values ensure that all passing parameters are numerical values only

4- Make a function that takes date string as a parameter, and returns the Day name (Saturday, Sunday,…) of the given date.