

Client-Side Technologies Lab 3

JavaScript Fundamentals

1. Array Object

1.1 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 values $4/8/1 = 0.5$

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

Sorting

u've entered the values of 5 , 7 , 1 , 9 , 4

ur values after being sorted descending 9,7,5,4,1

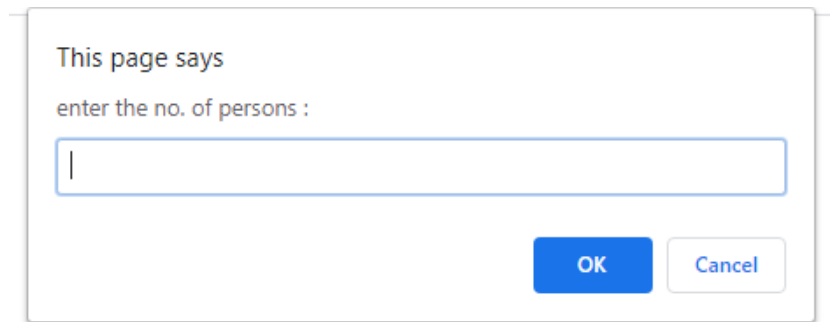
ur values after being sorted ascending 1,4,5,7,9

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

3- DOM

3.1.a Ask the user for number of persons wanted to be entered

(the value should be a number)



This page says

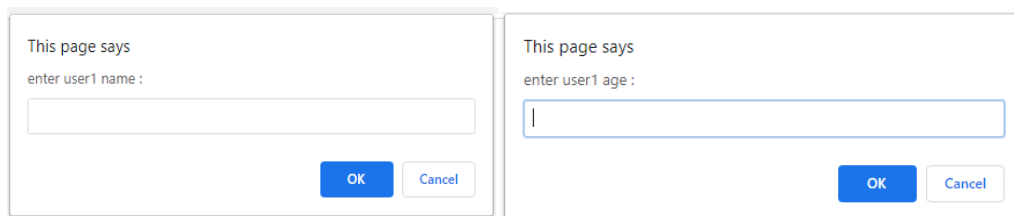
enter the no. of persons :

OK Cancel

3.1.b then ask for users' information sequentially

name length should be more than 3 and less than 10 characters

age: should be greater than 10 and less than 60.



This page says

enter user1 name :

OK Cancel

This page says

enter user1 age :

OK Cancel

3.1.c print users' information in HTML Table

Name	Age
hamada	25
ahmed	36
yasser	50

3.2. Clone HTML div when it is clicked and change the background of the new copy to a random color then append it to the body.