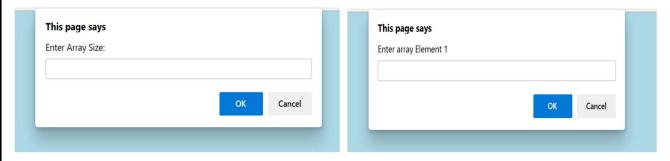**Ex.No.4**   **SIMPLE PROGRAMS USING JAVASCRIPT**

1) Write a java script function that accepts a sentence as input and then it should list out all 3 letter words in it.

This page says

Enter A Sentence:

I saw a pen

OK   Cancel

3 LETTER WORDS

Entered Text is:

I saw a pen

Generate words

The Three letter words in the given sentence : saw,pen

2) Write a java script function that prints second largest and smallest element in an array.

This page says

Enter Array Size:

OK   Cancel

This page says

Enter array Element 1

OK   Cancel

Second Smallest Element and Second Largest Element

Array Elements Before Sorting: 8,3,67,1,7,5

Array Elements After Sorting: 1,3,5,7,8,67

Second Smallest Element is: 3

Second Largest Element is: 8

3) Write a java script function to find whether given IP address is valid or not[Use Regular expression]

IP ADDRESS VALIDATION

ENTER ANY IP ADDRESS:

172.22.32.123

Click the button to check the ip address is crt or not.

check

Entered IP Address: 172.22.32.123

Valid IP Address

4) Write a JavaScript program to calculate the area and perimeter of a circle[Use Objects]

Calculate Area and Perimeter of A Circle

Enter Radius: 10

Calculate

Area of the circle:314.16= 314

Perimeter of the circle:62.83= 63