

## Assignment 05

Q1. Write a JS program to accept three positive numbers and output the largest of them. **Do not use/design any UI to accept and display.** User must be prompted to enter 3 positive numbers and then prompted largest number. Check if entered value is a number and it is a positive integer, if not then prompt message to enter valid number. Unless entered valid number it should not accept the next number. Run the script as soon as the page loads. (Use Math predefined object and if else)

Test Cases as below –

### Case 1:

127.0.0.1:5501 says  
Enter first positive number:  
10  
OK Cancel

127.0.0.1:5501 says  
Enter second positive number:  
20  
OK Cancel

127.0.0.1:5501 says  
Enter third positive number:  
30  
OK Cancel

127.0.0.1:5501 says  
The largest number is: 30  
OK

### Case 2:

127.0.0.1:5501 says  
Enter first positive number:  
-1  
OK Cancel

127.0.0.1:5501 says  
Please enter valid positive numbers!  
OK

### Case 3:

127.0.0.1:5501 says  
Enter first positive number:  
10  
OK Cancel

127.0.0.1:5501 says  
Enter second positive number:  
-1  
OK Cancel

127.0.0.1:5501 says  
Please enter valid positive numbers!  
OK

127.0.0.1:5501 says  
Enter second positive number:  
  
OK Cancel

Q2. Write JS program to accept an integer value and a message from user and print the message that many number of times on console. Do not use/design any UI to accept integer value. Run the script as soon as the page loads. (Use for loop)

Case 1:

127.0.0.1:5501 says  
Enter the number of times to print the message:  
5

OK Cancel

127.0.0.1:5501 says  
Enter the message:  
Sunbeam

OK Cancel

127.0.0.1:5501 says  
Check the console for the repeated messages!

OK

Elements Console Sources Network >>  
top Filter Default levels No Issues  
1 hidden  
Repeated Message: Number-Message.html:15  
1. sunbeam Number-Message.html:17  
2. sunbeam Number-Message.html:17  
3. sunbeam Number-Message.html:17  
4. sunbeam Number-Message.html:17  
5. sunbeam Number-Message.html:17

Case 2:

127.0.0.1:5501 says  
Enter the number of times to print the message:  
-1

OK Cancel

127.0.0.1:5501 says  
Please enter a valid positive integer!

OK

127.0.0.1:5501 says  
Enter the number of times to print the message:

OK Cancel

Q3. Write a JS program to list all even numbers less than or equal to the number n on console. Prompt the user to enter value of n. Do necessary validation to check value is positive number. Use array to first store all even numbers and then while loop to display on console. Do not use/design any UI.

127.0.0.1:5501 says

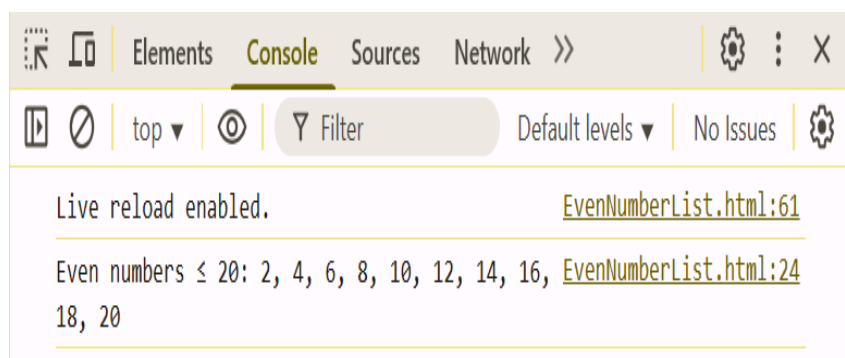
Enter a number (n):

OK Cancel

127.0.0.1:5501 says

Check the console for the list of even numbers!

OK



127.0.0.1:5501 says

Enter a number (n):

OK Cancel

127.0.0.1:5501 says

Please enter a valid positive integer!

OK