CLIENT SIDE SCRIPTING (22519)

Practical No. 02: Develop JavaScript to use decision making and looping statements
Roll No.: 220447

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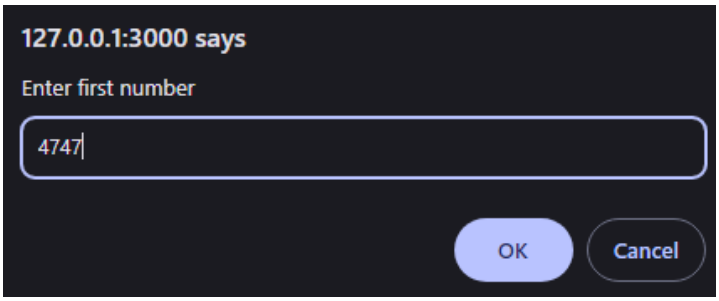
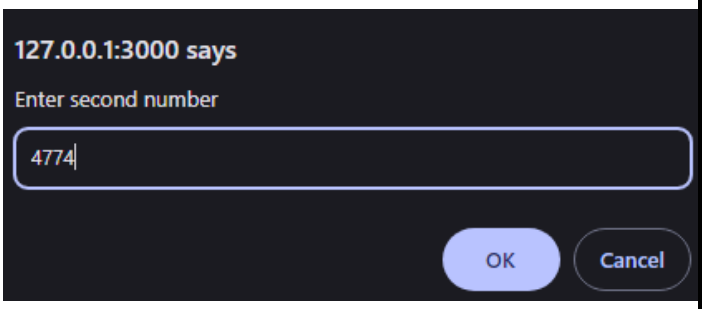
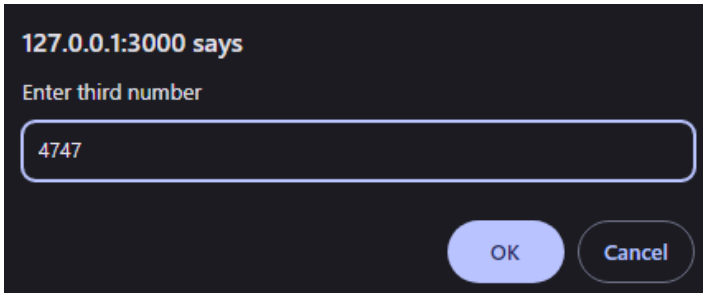
1) Write a program to print the greatest of three number using if else ladder.

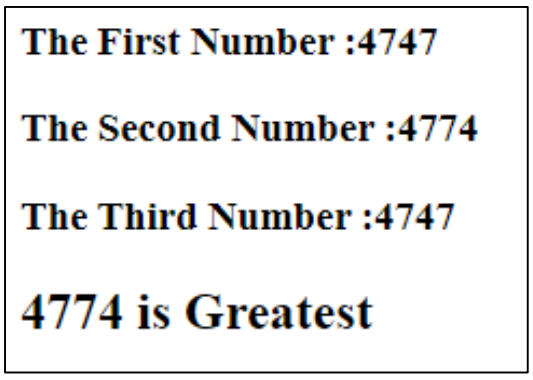
```
<script>
        let n1 = prompt("Enter first number");
        let n2 = prompt("Enter second number");
        let n3 = prompt("Enter third number");
        document.write("<h3> The First Number  :" + n1 + "</h3>");
        document.write("<h3> The Second Number :" + n2 + "</h3>");
        document.write("<h3> The Third Number  :" + n3 + "</h3>");
        if (n1 > n2) {
            if (n1 > n3) {
                document.write("<h2>"+ n1 + " is Greatest" + "</h2>");
            }
            else {
                document.write("<h2>"+ n3 + " is Greatest" + "</h2>");
            }
        }
        else if (n2 > n3) {
            document.write("<h2>"+ n2 + " is Greatest" + "</h2>");
        }
        else {
            document.write("<h2>"+ n3 + " is Greatest" + "</h2>");
        }

</script>
```









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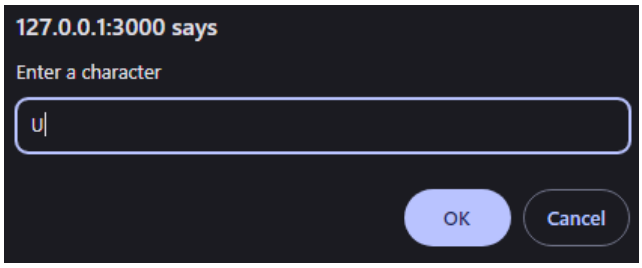
2) Write a program to check whether the entered character is a vowel or not.

```
<script>
        let char = prompt("Enter a character");
        if(char == 'A' || char == 'E' ||char == 'I' ||char == 'O' ||char
== 'U' ||char == 'a' ||char == 'e' ||char == 'i' ||char == 'o' ||char ==
'u'){
            alert(char + " is a Vowel");
        }
        else{
            alert(char + " is not a Vowel");
        }
 </script>
```



3) Write a program to print the odd number between 1 to 20 using while loop.

```
<script>
        document.write("<h2> Odd numbers from 1 to 20 </h2>");
        document.write("<ul>");
        let i = 1;
        while(i<=20){
            i%2!=0 ? document.write("<li>" + i + "</li>"):
document.write('');
            i++;
        }
         document.write("</ul>");

</script>
```

Odd numbers from 1 to 20

- 1
- 3
- 5
- 7
- 9
- 11
- 13
- 15
- 17
- 19

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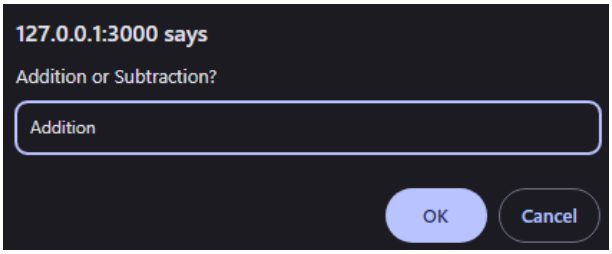
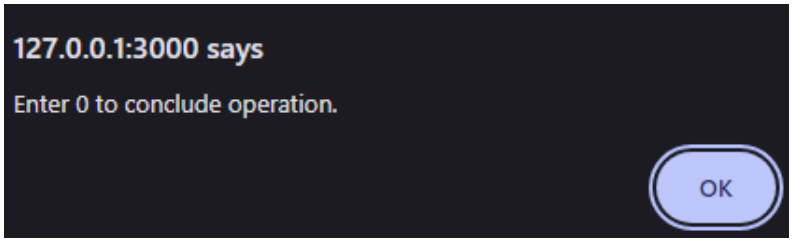
4) Write a menu driven program for addition and subtraction until the user wanted to continue using do while loop.

```
let opr = prompt("Addition or Subtraction?");
        let num,sum=0,diff;
        switch(opr){
            case "Addition":
            case "addition":
            case "ADDITION":
                alert("Enter 0 to conclude operation.");
                do{
                    num = prompt("Enter number to add");
                    num = parseInt(num);
                    sum+=num;
                }
                while(num!=0);
                alert("The Sum : "+ sum);
                break;
            case "Subtraction":
            case "subtraction":
            case "SUBTRACTION":
                alert("Enter 0 to conclude operation.");
                let firstNum = prompt("Enter first number");
                diff = parseInt(firstNum);
                do{
                    num = prompt("Enter number to subtract");
                    diff = diff - num;
                }
                while(num!=0);
                alert("The Difference : "+ diff);
                break;
            default:
                alert("Operation not found");
        }
    </script>
```





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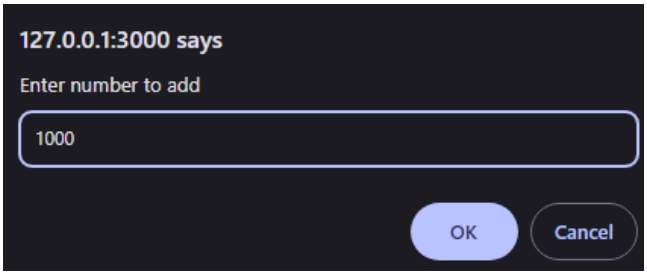

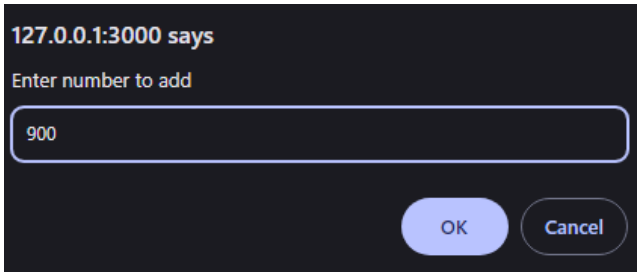

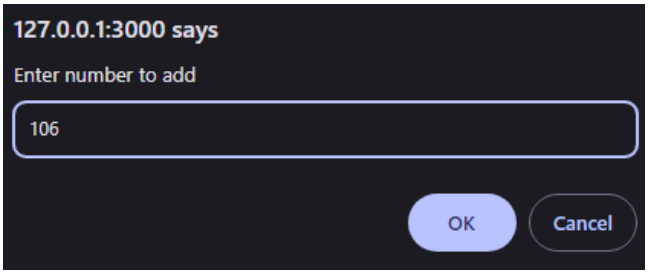

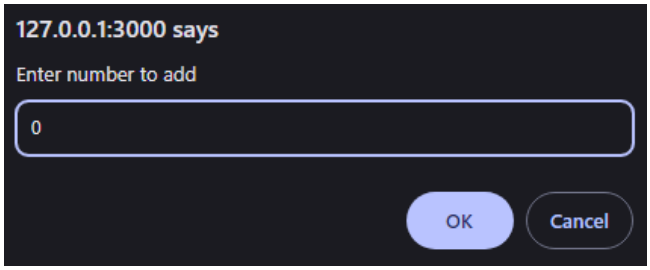

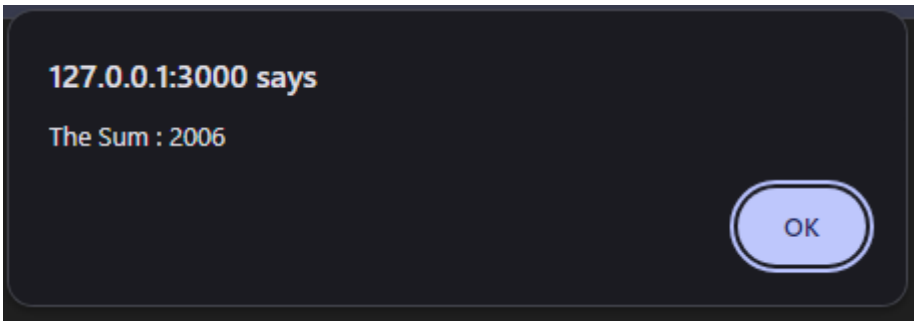

5) Write a program to print the right angle triangle

```
<script>
    let height = prompt("Enter height for triangle");
    for(let rows=1;rows<=height;rows++){
        for(let cols=1; cols<=rows; cols++){
            document.write("*" + "\t");
        }
        document.write("<br>");
    }
</script>
```