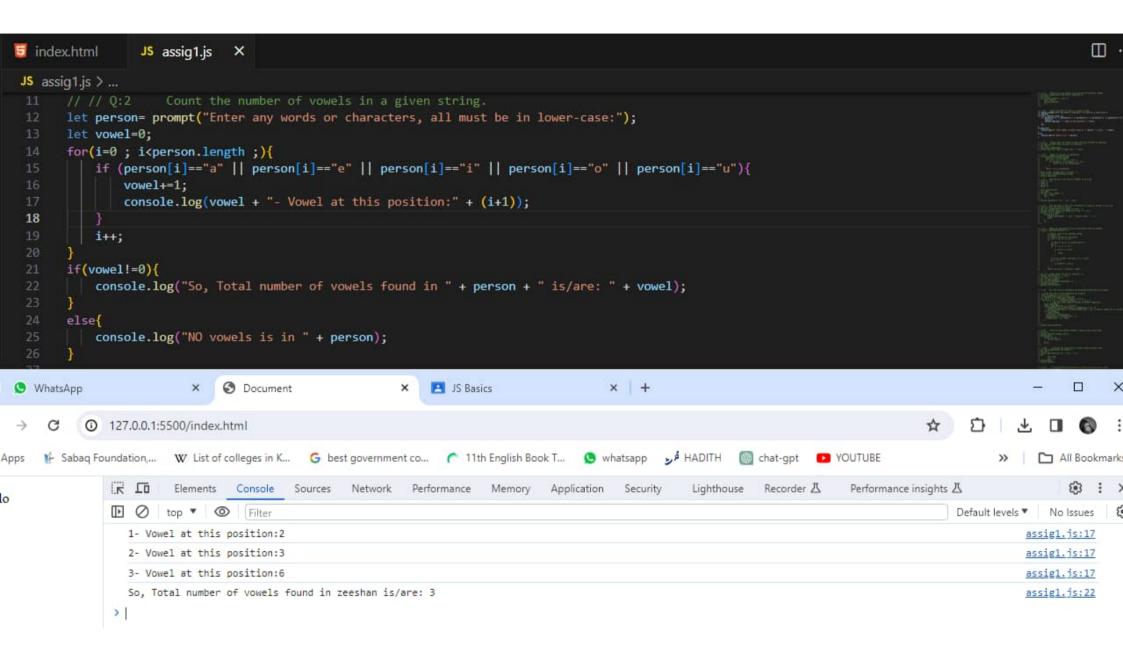
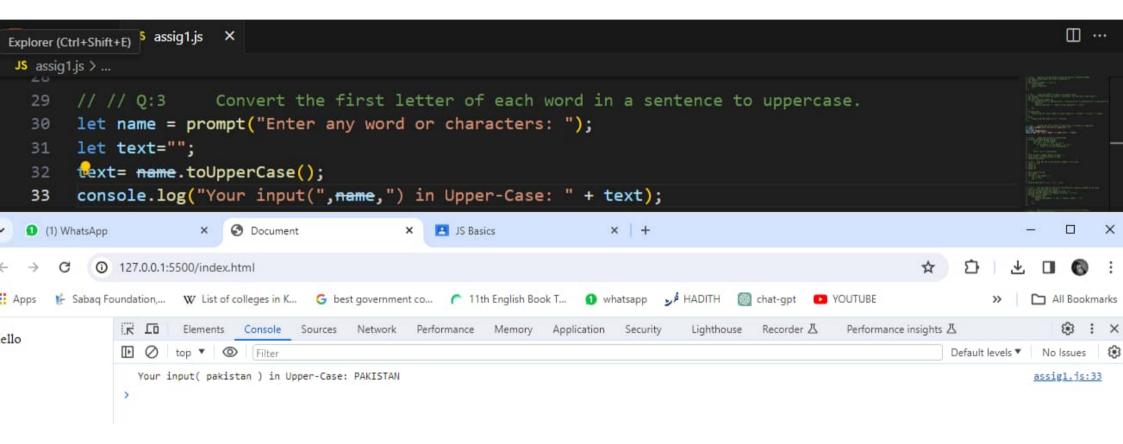
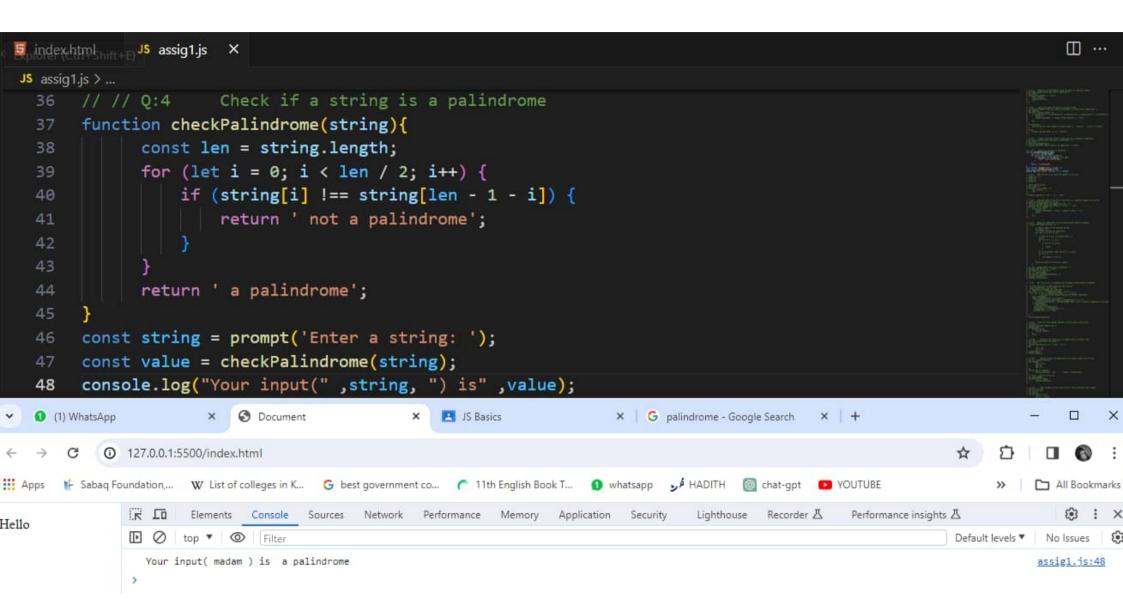
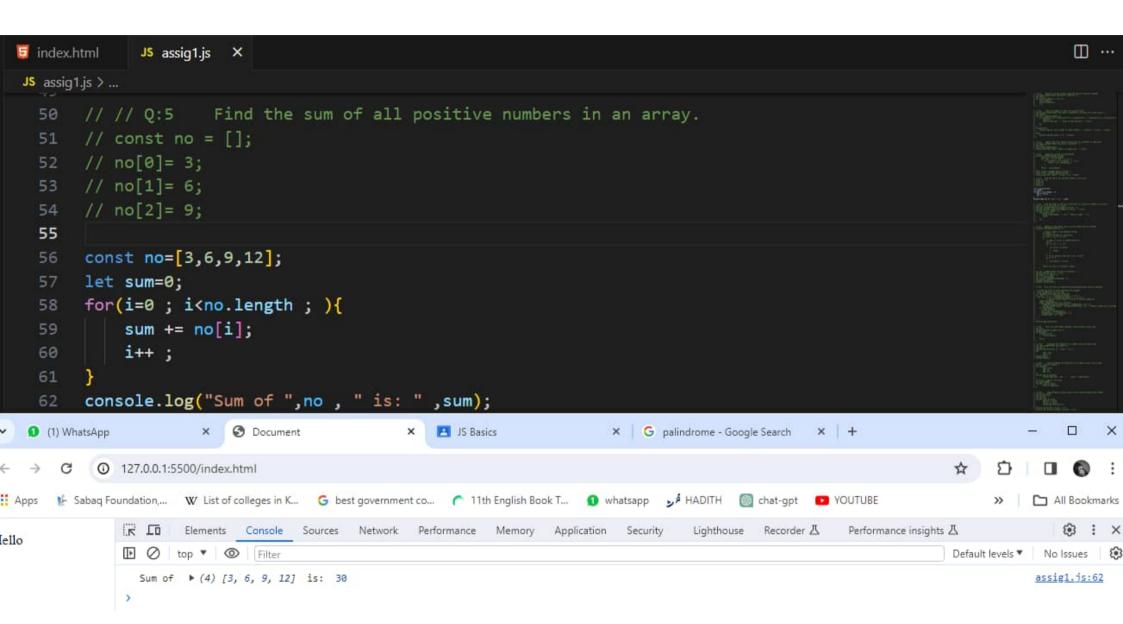
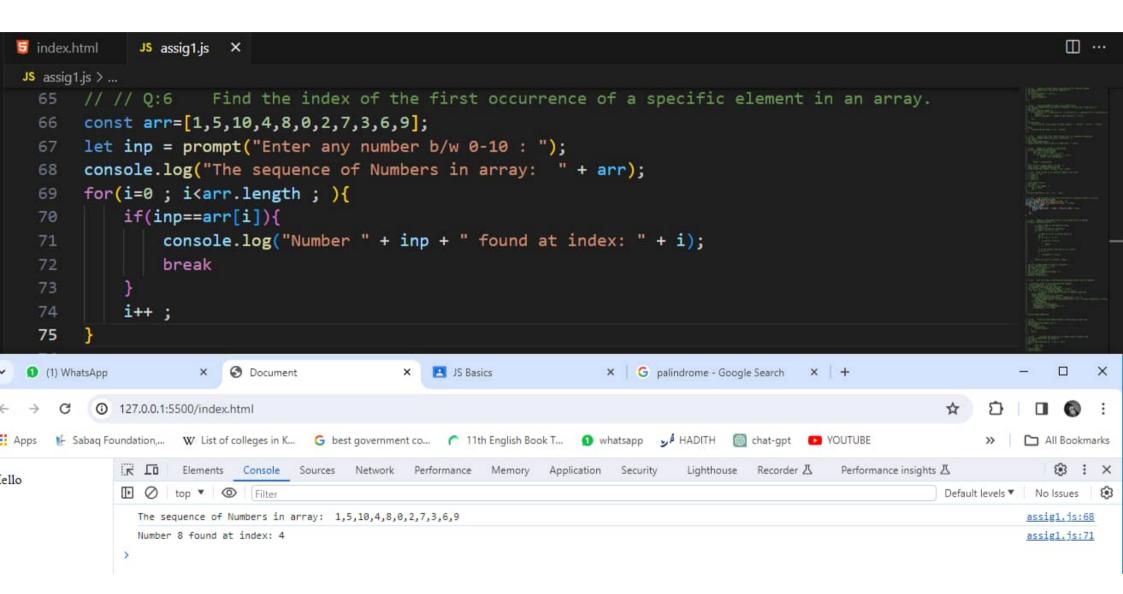
```
JS assig1.js > ...
    1 // // Q:1 Reverse a string without using the built-in reverse() method.
        let name= prompt("Enter any word or character:");
        let text="";
        for(i=(name.length)-1; i>=0;){
             text= name[i];
             console.log(text);
            i--;
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```



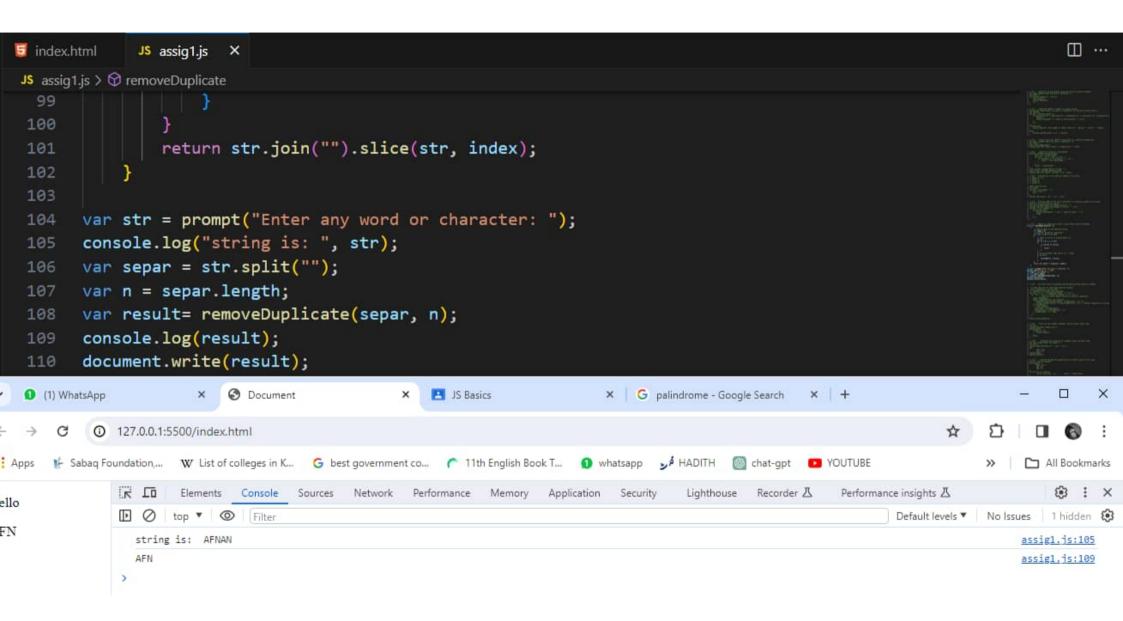




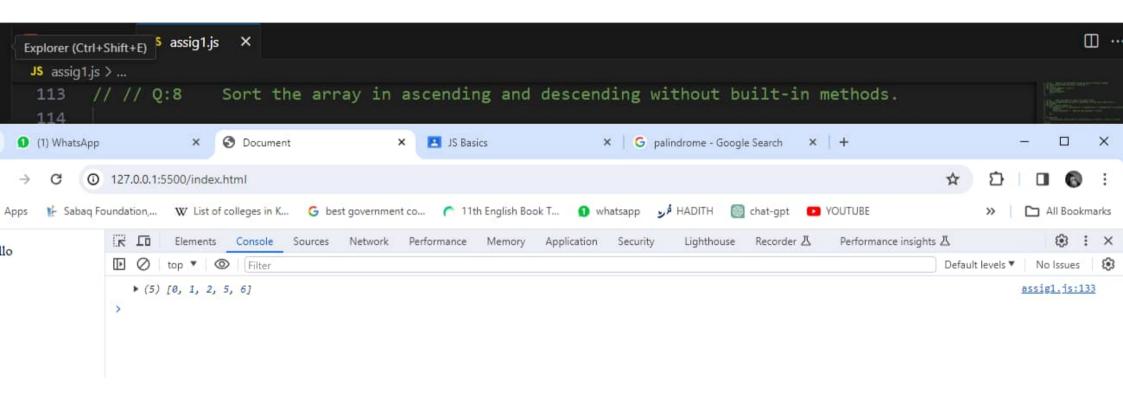


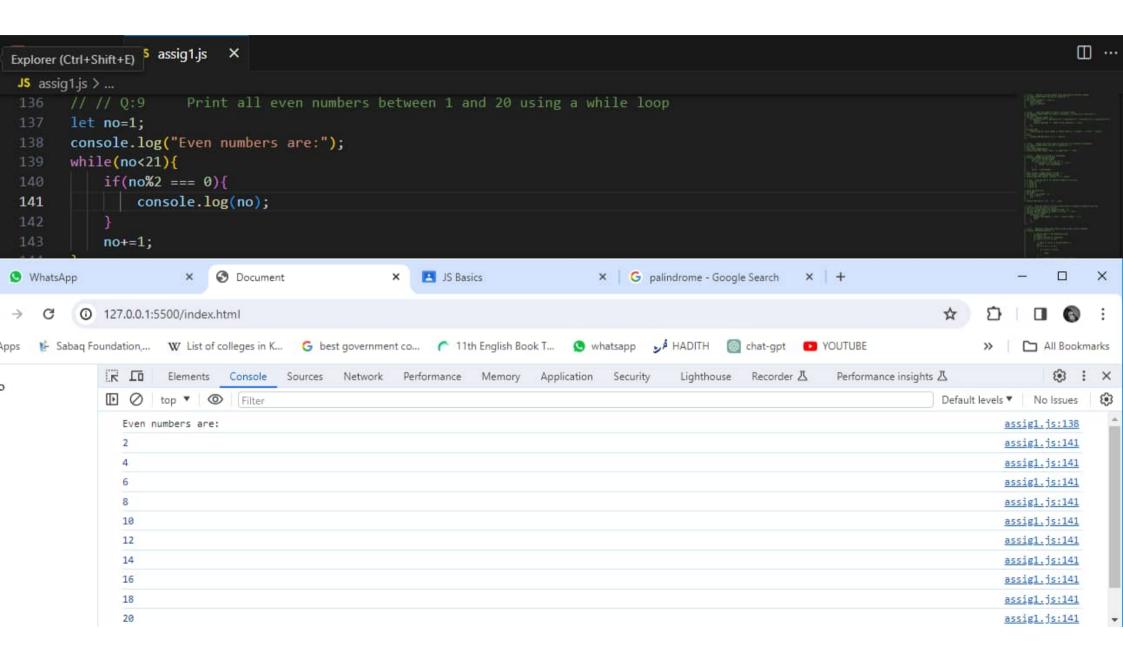


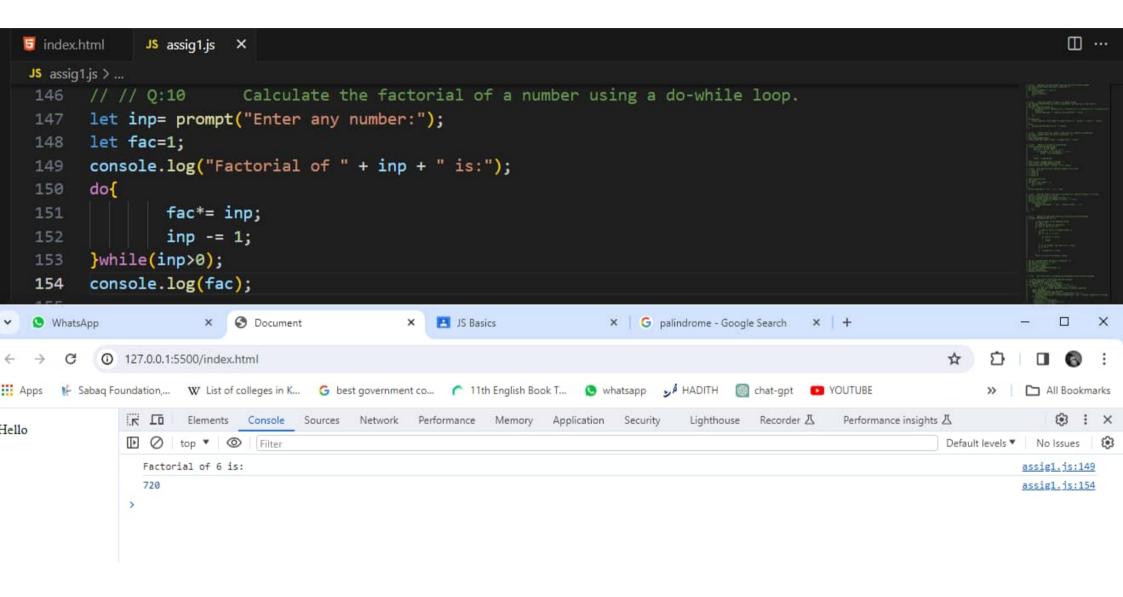
```
III ....
index.html
            JS assig1.js X
JS assig1.js > 🗇 removeDuplicate
                    Remove all duplicates from an array without built-in methods.
       // // 0:7
       function removeDuplicate(str, n)
  79
  80
               // Used as index in the modified string
  81
               var index = 0;
  82
               // Traverse through all characters
  83
               for (var i = 0; i < n; i++)
  84
  85
                   // Check if str[i] is present before it
  86
  87
                   var j;
                   for (j = 0; j < i; j++)
  89
                        if (str[i] == str[j])
  90
  91
  92
                            break;
  93
  94
  95
                   // If not present, then add it to // result.
                   if(j == i)
  96
  97
                        str[index++] = str[i];
  98
```

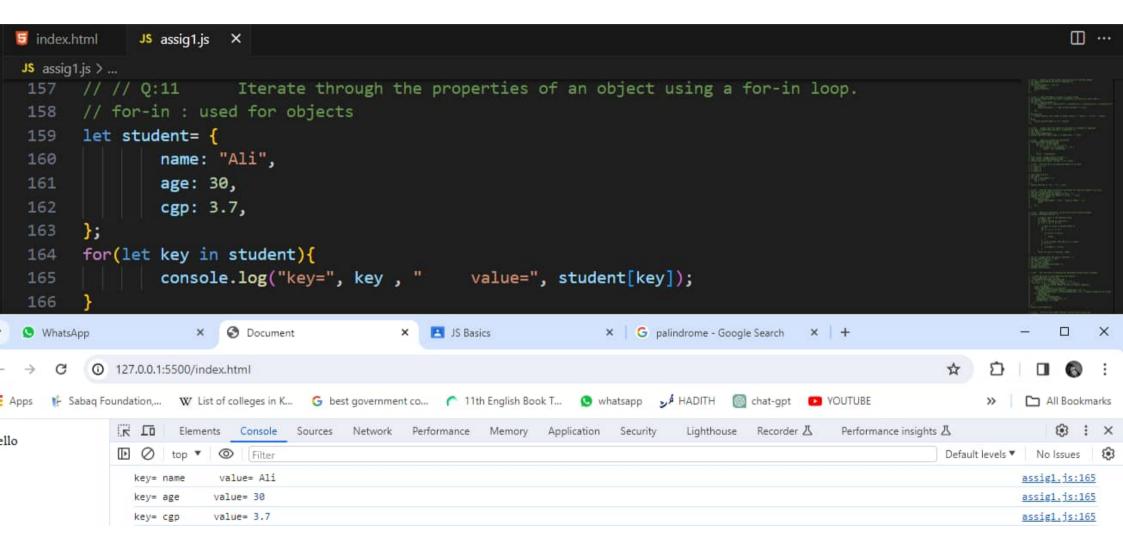


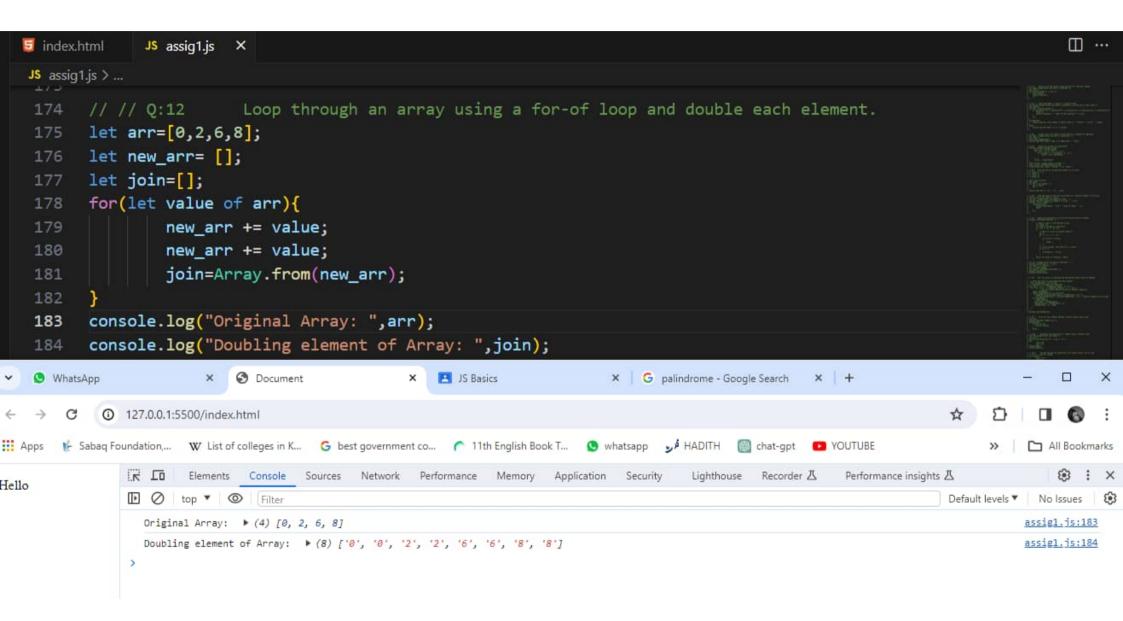
```
index.html
            JS assig1.js X
                                                                                                              III ...
JS assig1.js > ...
                    Sort the array in ascending and descending without built-in methods.
      // // Q:8
 113
 114
 115
        // Clone the array to avoid modifying the original
        const clonedArray = [2,6,1,5,0];
 116
       // Implement the bubble sort algorithm
 117
       for (let i = 0; i < clonedArray.length - 1; i++) {
 118
         for (let j = 0; j < clonedArray.length - i - 1; j++) {
 119
                   // Use the custom compare function or default comparison
 120
           const shouldSwap =
 121
           typeof compareFunction === "function"
 122
 123
             ? compareFunction(clonedArray[j], clonedArray[j + 1]) > 0
             : String(clonedArray[j]) > String(clonedArray[j + 1]); // Default comparison as strings
 124
           if (shouldSwap) {
 125
 126
             // Swap elements
             const temp = clonedArray[j];
 127
             clonedArray[j] = clonedArray[j + 1];
 128
             clonedArray[j + 1] = temp;
 129
 130
 131
 132
       console.log(clonedArray);
 133
```

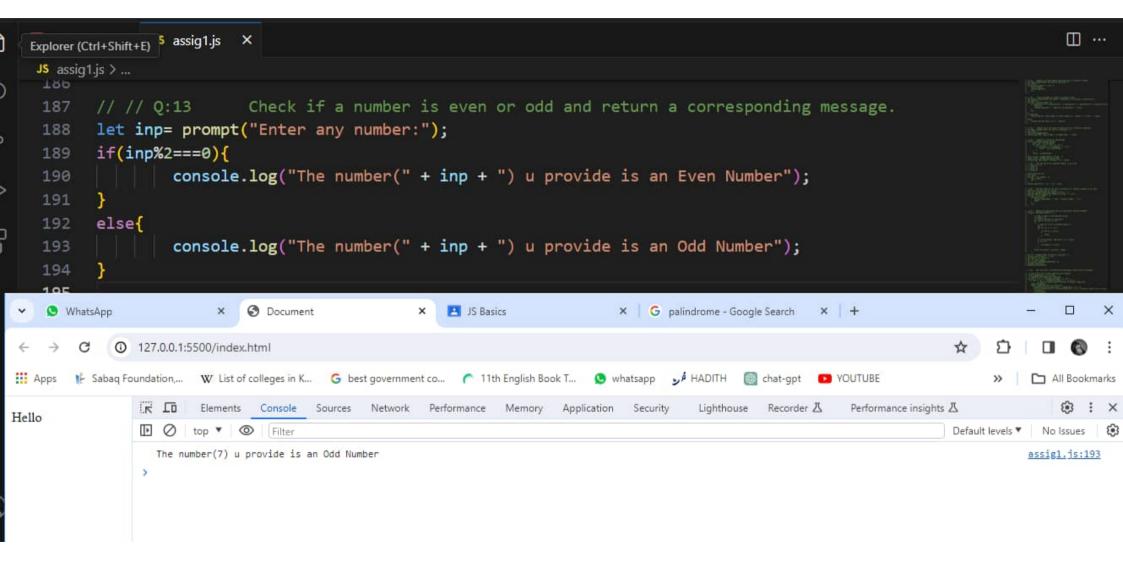












```
III ...
Explorer (Ctrl+Shift+E) 5 assig1.js
JS assig1.js > [@] check
197 // // 0:14
                         Find the maximum of three numbers using nested ternary operators.
      let inp1 = prompt("Enter first number:");
198
 199
       let inp2 = prompt("Enter second number:");
       let inp3 = prompt("Enter third number:");
 200
 201
       console.log("1st no u provide is: " ,inp1);
       console.log("2nd no u provide is: " ,inp2);
 202
       console.log("3rd no u provide is: " ,inp3);
 203
 204
       let check =
 205
           (inp1 > inp2 && inp1 > inp3)
 206
           ? "Input 1 is Greater"
           : (inp2 > inp1 && inp2 > inp3)
 207
           ? "Input 2 is Greater"
 208
 209
           : (inp3 > inp1 && inp3 > inp2)
           ? "Input 3 is Greater"
 210
 211
           : "All inputs are equal";
 212
       console.log("Maxmimum out of them: ",check);
 213
```

