

NCP Assignment JS Errors  
CB.EN.U4CSE17349

Question 1.

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Q1.Text_To_Array</title>
  <script>
    function text_to_array() {

      try {
        inp = prompt('Enter some phrase, let me split it and store in an array')
        if (inp.length == 0) {
          throw "Enter something..don't leave it empty";
        }
        words = inp.split(" ")
        var i = 0;
        for (i; i < words.length; i++) {
          document.write('Slot:' + i + ' Element:' + words[i] + '<br/>');
        }
        document.write(words)
      } catch (error) {
        document.write('<h1>Error:</h1>' + error)
      }

    }

    text_to_array()
  </script>
</head>

<body>

</body>

</html>
```

## Question 2

```
<!DOCTYPE HTML>
<html>
<head>
<title> Q2 </title>
</head>
<body style="background-color:white">
<h3 style="text-align:center; color:white"> Reverse sort </h3>
<script type="text/javascript">
```

```
var limit = prompt("Enter the limit 'n' ", " ");
var names=[]
```

```
for(i=0; i<limit; i++)
{
    var temp = prompt("Enter the name ", " ");
    names.push(temp)
}
names.sort()
names.reverse()
document.write(names)
</script>
</body>
</html>
```

## Question 3.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<!-- <style>
    ul,
    li {
        list-style: none;
    }
</style> -->
<body>
    <h1>Q3:</h1> <br>
    <ul id="ul"></ul>
    <script>
```

```

let arr = []
let x = prompt("Enter a number:")
arr.push(parseInt(x))
while (x) {
  x = prompt("Enter a number:")
  arr.push(parseInt(x))
}
let ul = document.getElementById('ul')
for (let i = 0; i < arr.length - 1; i++) {
  li = document.createElement('li')
  li.appendChild(document.createTextNode(hist(arr[i])))
  ul.appendChild(li)
}

function hist(x) {
  let str = ""
  for (let i = 0; i < x; i++) {
    str += '*'
  }
  return str
}
</script>

```

```

</body>
</html>

```

Question 4.

```

<html>
<body id="id"></body>
<script>
  var date = prompt("Enter Date");
  split = date.split("-");
  var day, month, year;
  res = true;

  if (split[0].length != 2 || split[1].length != 2 || split[2].length != 4) res = false;
  console.log(split);
  try {
    day = parseInt(split[0]);
    month = parseInt(split[1]);
    year = parseInt(split[2]);
  } catch {
    res = false;
  }

```

```

        console.log("Parse Failed");
    }

    if (day <= 0 || day >= 32) {
        res = false;
        console.log("Invalid Day");
    }

    if (month <= 0 || month >= 13) {
        console.log("Invalid Month");
    }

    if (split[1] == "02") {
        if (split[0] == "29") {
            if ((year % 100 == 0 && year % 400 != 0) || year % 4 != 0) {
                console.log("Invalid Leap Day");
                res = false;
            }
        }
    }

    if (split[0] == "30" || split[0] == "31") {
        console.log("Invalid Feb Day");
        res = false;
    }
}

if (split[0] == "31") {
    months_31 = ["01", "03", "05", "07", "08", "10", "12"];
    res = months_31.includes(split[1]);
    console.log("Invalid 31st Day");
}

if (res) {
    document.getElementById("id").innerText = date + " is Valid.";
} else {
    document.getElementById("id").innerText = date + " is Invalid.";
}
</script>
</html>

```

Question 5

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Q5.FizzBuzz</title>
</head>
```

```
<script>
```

```
function fizzbuzz(){
  try{

    var i=1;
    for (i; i<=100; i++){

      if(i%3==0 && i%5==0){
        document.write('FizzBuzz ');
        continue;
      }

      if (i%3==0){
        document.write('Fizz ');
        continue;
      }
      if (i%5==0){
        document.write('Buzz ');
        continue;
      }

      document.write(i+' ');

    }
  }

  catch(error){
    if(error instanceof TypeError)
      document.write('Not a number');

    else
      document.write('Error : '+error);
  }
}
```

```

fizzbuzz();
</script>
<body>

</body>
</html>

```

#### Question 6

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Q6</title>
</head>

<body>

mark1:<input name="mark1" id="mark1" placeholder="enter mark for subject 1">
mark2:<input name="mark1" id="mark2" placeholder="enter mark for subject 2">
mark3:<input name="mark1" id="mark3" placeholder="enter mark for subject 3">
mark4:<input name="mark1" id="mark4" placeholder="enter mark for subject 4">
mark5:<input name="mark1" id="mark5" placeholder="enter mark for subject 5">
<button
onclick="assignGrade(document.getElementById('mark1').value,document.getElementById('mark2').value,document.getElementById('mark3').value,
document.getElementById('mark4').value,document.getElementById('mark5').value)">GetGrade
</button>
<p id="ques6"></p>
<script>
  function assignGrade(m1,m2,m3,m4,m5) {
    let text = "";
    text += q6(m1);
    text += q6(m2);
    text += q6(m3);
    text += q6(m4);
    text += q6(m5);
    document.getElementById("ques6").innerHTML = text;
  }
  function q6(val) {
    let text = "";
    if (parseInt(val) >90) {
      return text += " For "+val+": got A,"+ "<br>"

```

```
    } else if(80<parseInt(val) && parseInt(val)<=90) {  
        return text += " For "+val+": got B,"+"<br>"  
    }else if(75<parseInt(val) && parseInt(val)<=80) {  
        return text += " For "+val+": got C,"+"<br>"  
    }else if(70<parseInt(val) && parseInt(val)<=75) {  
        return text += " For "+val+": got D,"+"<br>"  
    }else if(60<parseInt(val) && parseInt(val)<=70) {  
        return text += " For "+val+": got E,"+"<br>"  
    }else if(parseInt(val)<=60) {  
        return text += " For "+val+": got F,"+"<br>"  
    }  
  
}  
</script>  
</body>
```