

**17BCI0113 – Namit Nathwani**  
**Periodic Test-2**  
**Question 4 (Numerological Match)**

**HTML:**

```
<!DOCTYPE HTML>
<html>
  <head>
    <meta charset="utf-8">
    <title>17BCI0113</title>
  </head>

  <style>
    html, body {
      background-color: salmon;
      font-family: "Ubuntu", sans-serif;
      text-align: center;
    }

    input {

    }
  </style>

  <body>
    <form>
      <input type="text" id="name">
      <br><br>
      <input type="date" id="dateField">
      <br><br>
      <span id="result"></span>
    </form>

    <script src="Ass3.js"></script>
  </body>
</html>
```

**JS:**

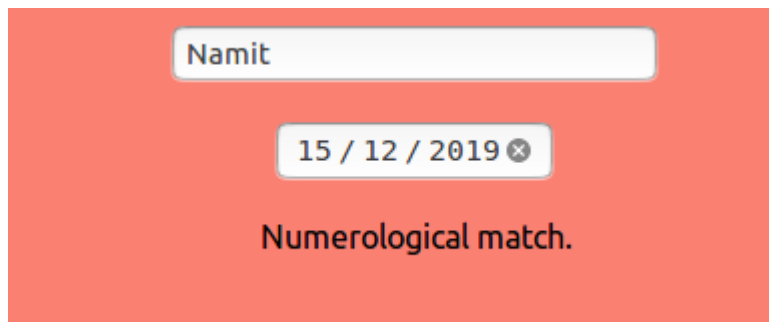
```
var nameField = document.getElementById('name');
var dateField = document.getElementById('dateField');
var res = document.getElementById('result');

name.onblur = doCheck;
dateField.onblur = doCheck;

function doCheck() {
    var nameVal = nameField.value;
    var dateVal = dateField.value;
    var dateElems = dateVal.split("-");
    var sum = parseInt(dateElems[1]) + parseInt(dateElems[2]) +
    parseInt(dateElems[0].substring(2));

    if(sum < 65 || (sum > 90 && sum < 97))
        sum += 32;
    if(sum > 122)
        sum -= 32;

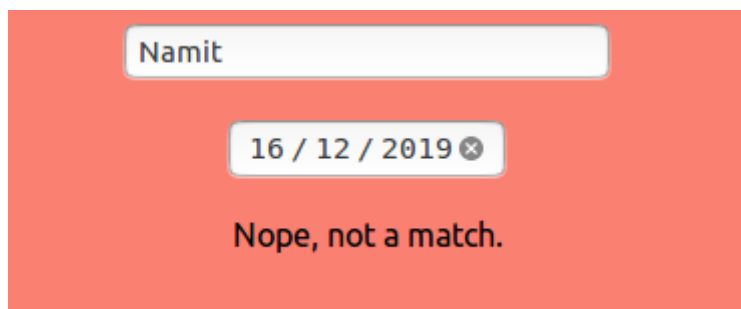
    if(((sum >= 65 && sum <= 90) || (sum >= 97 && sum <= 122)) && sum ==
nameVal.charCodeAt(0))
        res.innerHTML = "Numerological match.";
    else
        res.innerHTML = "Nope, not a match.";
}
```

**Output:**A screenshot of a web form with a red background. It features a text input field containing "Namit", a date input field containing "15 / 12 / 2019" with a clear button (X), and a text output area displaying "Numerological match.".

Namit

15 / 12 / 2019 X

Numerological match.

A screenshot of a web form with a red background, similar to the one above. The text input field contains "Namit", the date input field contains "16 / 12 / 2019" with a clear button (X), and the text output area displays "Nope, not a match.".

Namit

16 / 12 / 2019 X

Nope, not a match.