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

HTML:

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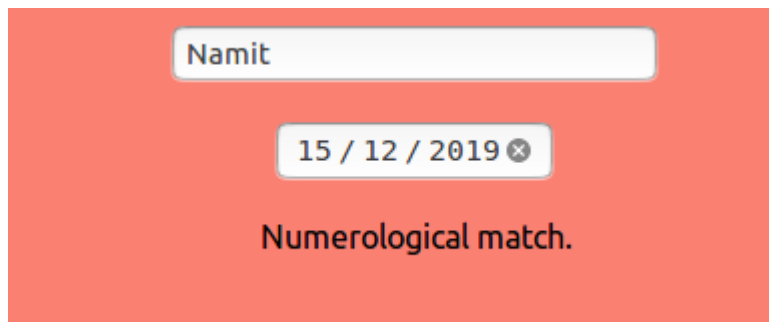
JS:
```
var nameField = document.getElementById('name');
var dateField = document.getElementById('dateField');
var res = document.getElementById('result');

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.";
}
```
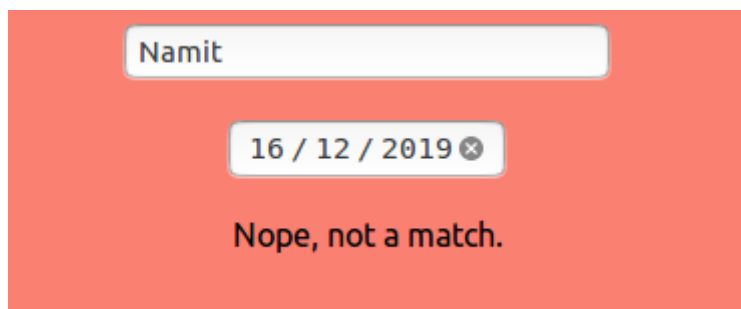
Output: