script.js

```
 1   document.addEventListener('DOMContentLoaded', () => {
 2
 3       document.getElementById('showResult').addEventListener('click', (event) => {
 4
 5           event.preventDefault();
 6
 7           let marks = document.getElementById("marks").value;
 8
 9           if (isNaN(marks) || marks < 0 || marks > 100) {
10
11               alert("Marks must be a number between 0 to 100");
12
13               return;
14           }
15
16           let grade = document.getElementById("grade");
17
18           if (marks > 90 && marks <= 100) {
19
20               grade.innerHTML = `Your Grade is A`;
21           }
22
23           else if (marks > 70 && marks <= 90) {
24
25               grade.innerHTML = `Your Grade is B`;
26           }
27
28           else if (marks > 50 && marks <= 70) {
29
30               grade.innerHTML = `Your Grade is C`;
31           }
32
33           else {
34
35               grade.innerHTML = `Fail`;
36           }
```

```
37        });
38    });
```