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<b>Division : BE 8</b>	<b>Batch : Q8</b>
<b>Subject : Javascript</b>	<b>Date :</b>

## Experiment 10: Generate the multiplication table of a given number using JavaScript using CLI

### CODE:

#### 1. JS (script.js)

```
const prompt = require('prompt-sync')({ sigint: true });
var n = prompt('Enter a number?');
```

```
console.log("Using for loop");
var out = "";
for (var i = 1; i < 11; i++) {
  out = out + i + " * " + n + " = " + i * n + "\n";
}
console.log(out);
```

```
console.log("Using while loop");
var i = 1;
var out = "";
while (i < 11) {
  out = out + i + " * " + n + " = " + i * n + "\n";
  i++;
}
console.log(out);
```

```
console.log("Using do-while loop");
var i = 1;
var out = "";
do{
  out = out + i + " * " + n + " = " + i * n + "\n";
  i++;
}
```

```
while (i < 11)
console.log(out);
```

## Output

```
Command Prompt
Microsoft Windows [Version 10.0.22621.2361]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Vedant>node script.js
Enter a number?5
Using for loop
1 * 5 = 5
2 * 5 = 10
3 * 5 = 15
4 * 5 = 20
5 * 5 = 25
6 * 5 = 30
7 * 5 = 35
8 * 5 = 40
9 * 5 = 45
10 * 5 = 50

Using while loop
1 * 5 = 5
2 * 5 = 10
3 * 5 = 15
4 * 5 = 20
5 * 5 = 25
6 * 5 = 30
7 * 5 = 35
8 * 5 = 40
9 * 5 = 45
10 * 5 = 50

Using do-while loop
1 * 5 = 5
2 * 5 = 10
3 * 5 = 15
4 * 5 = 20
5 * 5 = 25
6 * 5 = 30
7 * 5 = 35
8 * 5 = 40
9 * 5 = 45
10 * 5 = 50
```