



Society for Computer Technology & Research's  
**Pune Institute of Computer Technology**  
**Department of Electronics and Telecommunication Engineering**

---


Practical No: 10

Code:

```
const prompt = require('prompt-sync')();
const number = parseInt(prompt('Enter a number: '));

console.log(`Multiplication Table for ${number}:`);
for (let i = 1; i <= 10; i++) {
    console.log(`${number} x ${i} = ${number * i}`);
}

let i = 1;

console.log(`Multiplication Table for ${number} (using while loop):`);
while (i <= 10) {
    console.log(`${number} x ${i} = ${number * i}`);
    i++;
}
let j=1;
console.log(`Multiplication Table for ${number} (using do-while loop):`);
do {
    console.log(`${number} x ${j} = ${number * j}`);
    j++;
} while (j <= 10);
```

OUTPUT:

● PS D:\Javascript Lab> node "d:\Javascript Lab\assignment10.js"

Enter a number: 5

Multiplication Table for 5:

5 x 1 = 5  
5 x 2 = 10  
5 x 3 = 15  
5 x 4 = 20  
5 x 5 = 25  
5 x 6 = 30  
5 x 7 = 35  
5 x 8 = 40  
5 x 9 = 45  
5 x 10 = 50

Multiplication Table for 5 (using while loop):

5 x 1 = 5  
5 x 2 = 10  
5 x 3 = 15  
5 x 4 = 20  
5 x 5 = 25  
5 x 6 = 30  
5 x 7 = 35  
5 x 8 = 40  
5 x 9 = 45  
5 x 10 = 50

Multiplication Table for 5 (using do-while loop):

5 x 1 = 5  
5 x 2 = 10  
5 x 3 = 15  
5 x 4 = 20  
5 x 5 = 25  
5 x 6 = 30  
5 x 7 = 35  
5 x 8 = 40  
5 x 9 = 45  
5 x 10 = 50

○ PS D:\Javascript Lab> █