



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

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Practical No: 10 Generate the multiplication table of a given number using JavaScript using CLI

Code:

Script.js

```
const number = process.argv[2];

if (!number || isNaN(number) || number <= 0) {
  console.log("Please provide a valid positive number as an argument.");
} else {
  console.log(`Multiplication Table for ${number}:\n`);
  for (let i = 1; i <= 10; i++) {
    console.log(`${number} x ${i} = ${number * i}`);
  }
}
```

Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  SQL CONSOLE

D:\PICT\BE\JS\Exp10>node script.js 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

D:\PICT\BE\JS\Exp10>
```