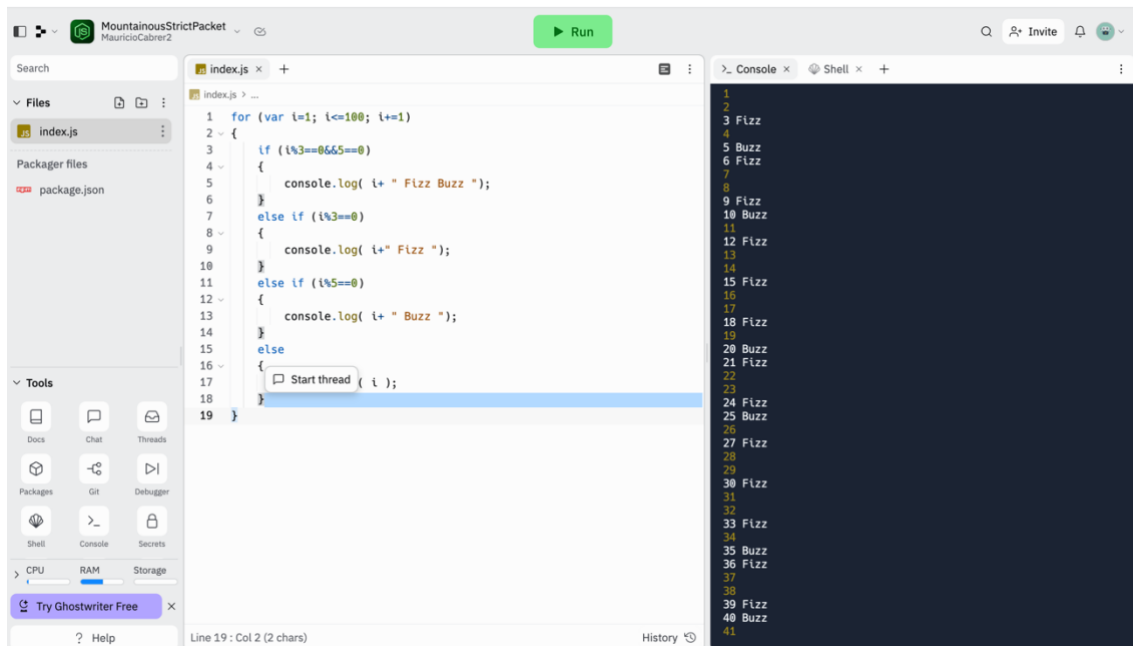


Universidad Rafael Landívar
Licenciatura en ingeniería en informática y sistemas

Introducción a la programación (practica)

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Sección: 03

Actividad 5 – Algoritmo



The screenshot shows a code editor with a file named `index.js` containing a JavaScript FizzBuzz algorithm. The code iterates from 1 to 100, checking for divisibility by 3, 5, and 15. The output is displayed in the console on the right.

```
1 for (var i=1; i<=100; i+=1)
2 {
3   if (i%3==0&&i%5==0)
4   {
5     console.log( i+ " Fizz Buzz ");
6   }
7   else if (i%3==0)
8   {
9     console.log( i+ " Fizz ");
10  }
11  else if (i%5==0)
12  {
13    console.log( i+ " Buzz ");
14  }
15  else
16  {
17    console.log( i );
18  }
19 }
```

The console output shows the following sequence of numbers and strings:

```
1
2
3 Fizz
4
5 Buzz
6 Fizz
7
8
9 Fizz
10 Buzz
11
12 Fizz
13
14
15 Fizz
16
17
18 Fizz
19 Buzz
20
21 Fizz
22
23
24 Fizz
25 Buzz
26
27 Fizz
28
29
30 Fizz
31
32
33 Fizz
34
35 Buzz
36 Fizz
37
38
39 Fizz
40 Buzz
41
```