WEEK 1

Writing your First program using Visual Studio Code
This tutorial will guide you in writing your first JavaScript program. Be sure to also watch the video to learn how to use Visual Studio Code

Example 1:

```
console.log("This is my first programe ")
console.log("Well come John your month salary is 500000"
```

Output, You will see you code will be executed and following message will appear in the Terminal window.

```
PS U:\4. UNIVERSITY DEGREE YEAR 2  - LEVEL 5\3. WEB AND MOBILE (JAVASCRIPT)\week1> node index.js
U:\4. UNIVERSITY DEGREE YEAR 2  - LEVEL 5\3. WEB AND MOBILE (JAVASCRIPT)\week1\index.js:1
console.log("This is my first programe ")
```

Example 2: Javascript Program to Check if a number is Positive, Negative, or Zero Write the following program in the index.js

```javascript
const readline = require('readline');

// Create an interface to read input from the user
const rl = readline.createInterface({
  input: process.stdin,
  output: process.stdout
});

// Ask the user for input
rl.question("Enter a number: ", (input) => {
  const number = parseInt(input);

  // Check if the input is a valid number
  if (isNaN(number)) {
    console.log("Please enter a valid number.");
  } else {
    // Check if the number is greater than 0
    if (number > 0) {
      console.log("The number is positive");
    }
    // Check if the number is 0
    else if (number === 0) {
      console.log("The number is zero");
    }
    // If the number is less than 0
    else {
      console.log("The number is negative");
    }
  }

  // Close the readline interface
  rl.close();
```

```
});
```

Output

```
PS U:\4. UNIVERSITY DEGREE YEAR 2  - LEVEL 5\3. WEB AND MOBILE (JAVASCRIPT)\week1> node index
Enter a number: 5
The number is positive
PS U:\4. UNIVERSITY DEGREE YEAR 2  - LEVEL 5\3. WEB AND MOBILE (JAVASCRIPT)\week1> node index
Enter a number: -10
The number is negative
PS U:\4. UNIVERSITY DEGREE YEAR 2  - LEVEL 5\3. WEB AND MOBILE (JAVASCRIPT)\week1> []
```