



First Program – Hello World!



List of concepts involved :

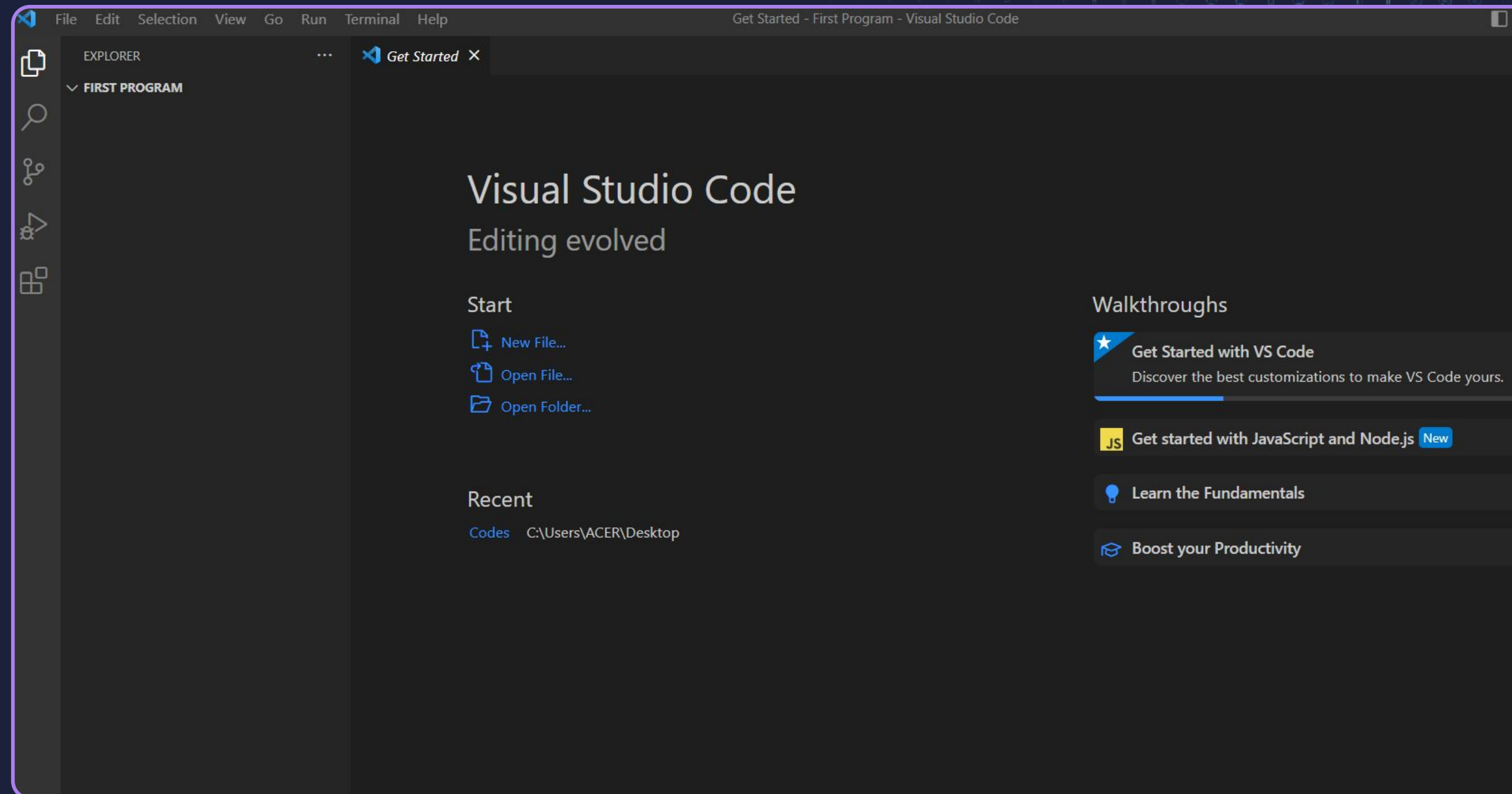
- Basics of HTML
- Setting up the first file in HTML
- Displaying Hello World

Basics of HTML

- HTML stands for Hyper Text Markup Language. It is the standard markup language for creating Web pages.
- If our websites are buildings then HTML is the most basic building block of the Web.
- It defines the structure or the outline of the webpage content.
- Websites are displayed on browsers and HTML elements guide the browser on how to display the webpage content.

Setting up the first file in HTML

1 : Create a project folder, like the 'First Program' folder then click on File>Open Folder>Select your project folder

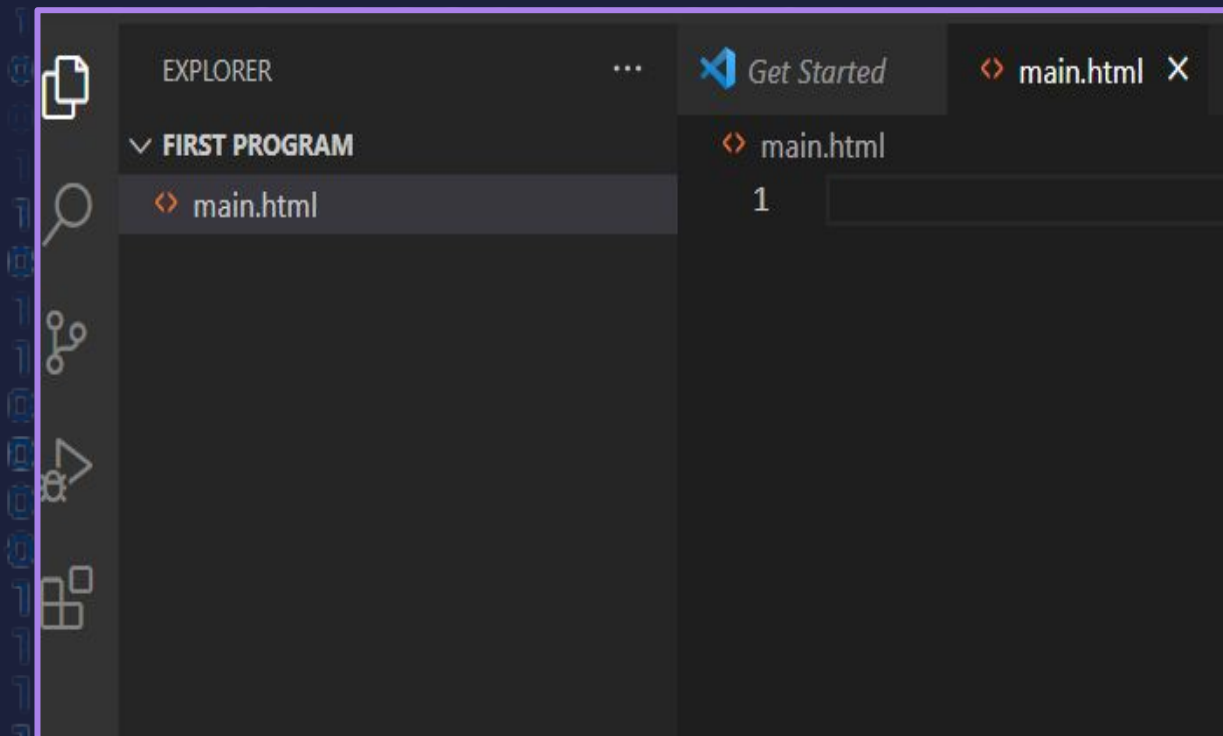
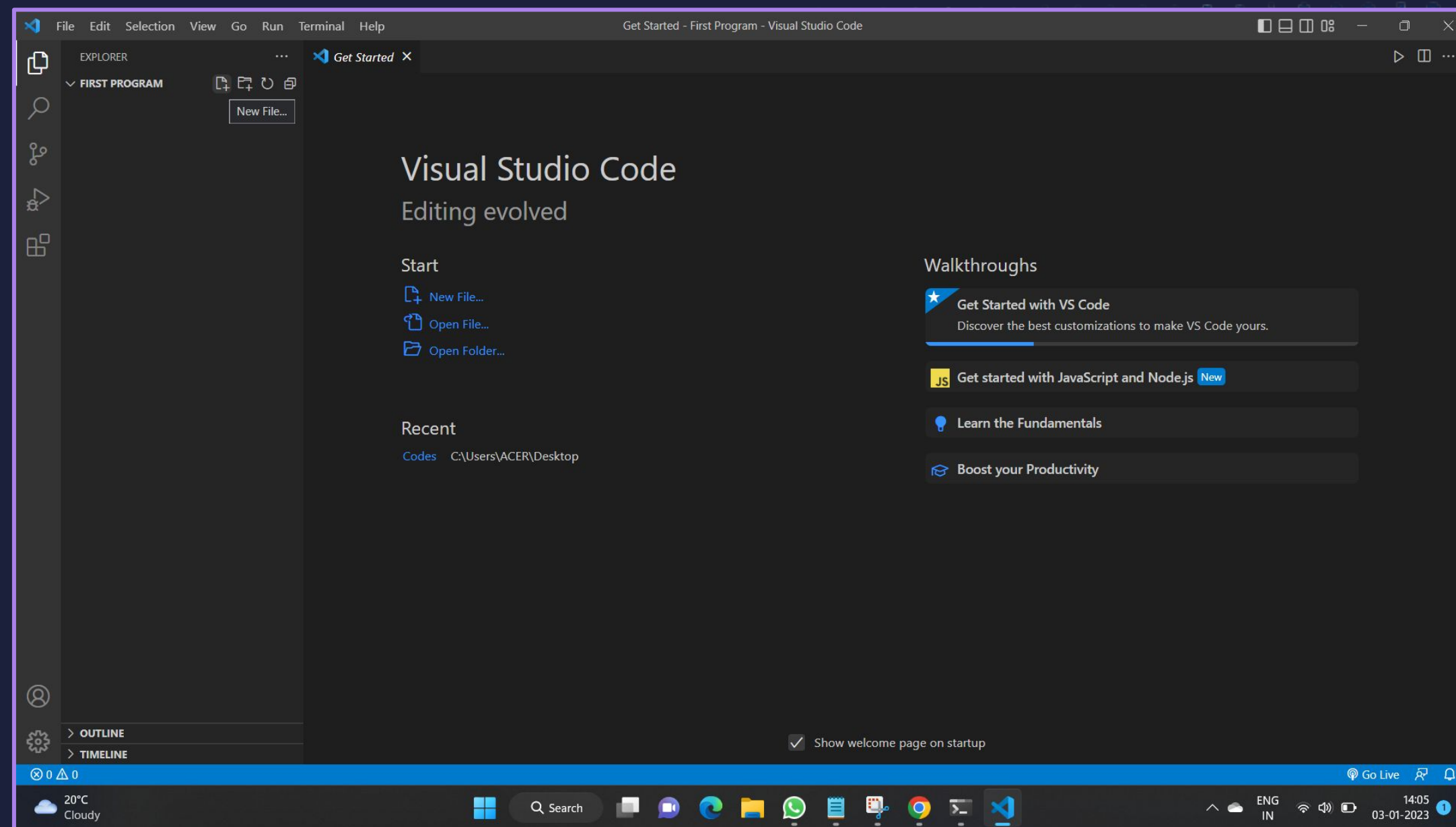


Setting up the first file in HTML

2 : Create a new file.

Click on the button shown and choose a name for your file and give the extension as .html

Here we have named it “main.html”



Setting up the first file in HTML

3 : Getting the boiler plate code (optional)

On VS Code click on “! + tab” to get the boilerplate code or simply type it yourself in the html file for better practice at early stages of coding.



```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content=
    "width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10
11 </body>
12 </html>
    
```


Setting up the first file in HTML

4: Hello World Web Page

To build this very first 'web page' display, simply add an additional `<h1>` `</h1>` tag with the "Hello World" text in it.

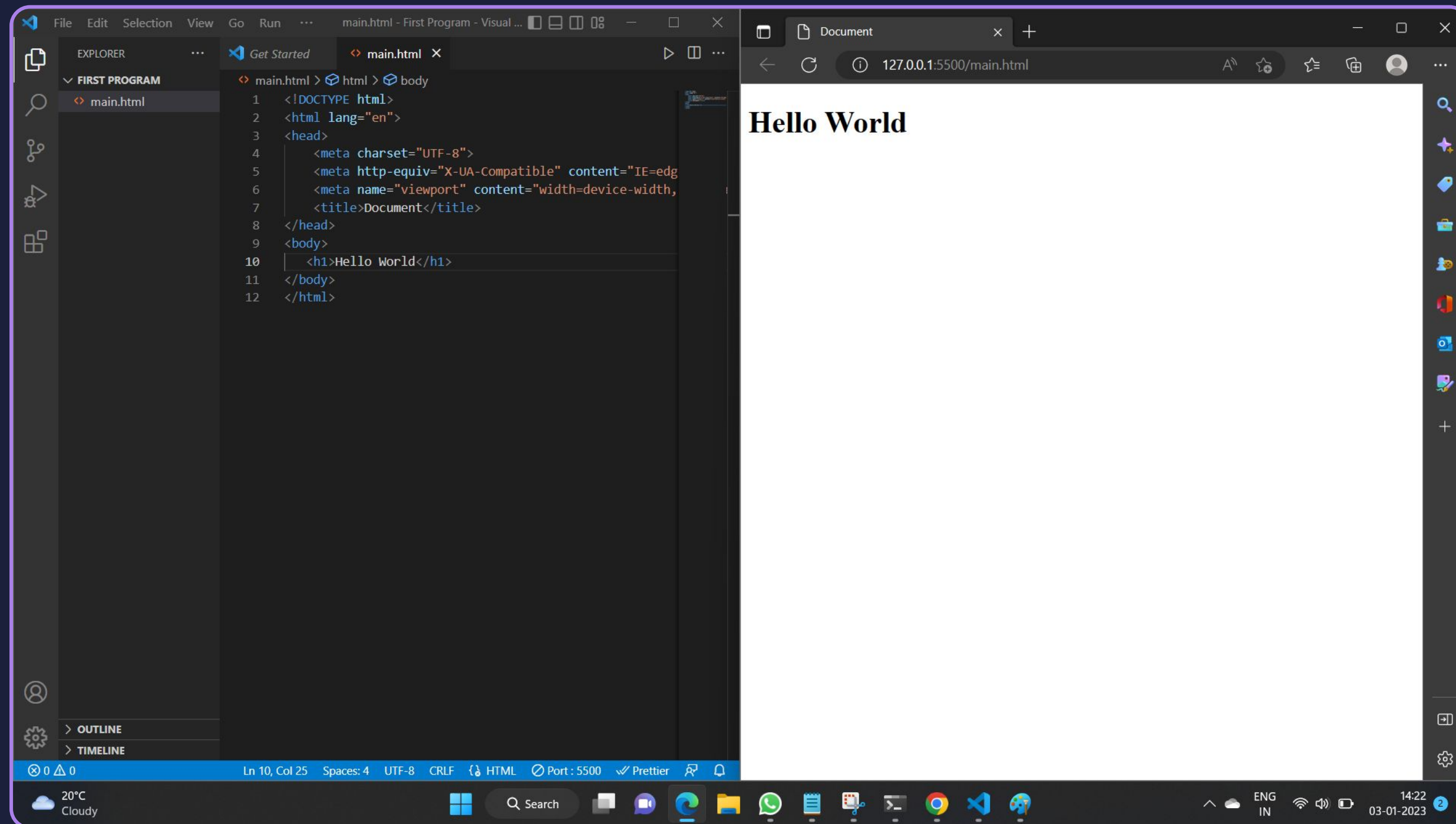


```

1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10     <h1>Hello World</h1>
11 </body>
12 </html>

```

Congratulations on writing your first program !!



The image shows a development environment with a code editor on the left and a web browser on the right. The code editor displays the following HTML code in `main.html`:

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width,
7     <title>Document</title>
8 </head>
9 <body>
10  <h1>Hello world</h1>
11 </body>
12 </html>

```

The web browser on the right shows the rendered output of this code, displaying "Hello World" in a large, bold, black serif font on a white background. The browser's address bar shows the URL `127.0.0.1:5500/main.html`. The status bar at the bottom of the code editor indicates the current line and column (Ln 10, Col 25) and other settings like UTF-8 encoding and CRLF line endings.



▶ THANK YOU ◀