



**UNIVERSIDAD POLITECNICA
DE PACHUCA**

PRACTICA 2

**Carrera: Ingeniería en Tecnologías de la
información e innovación**

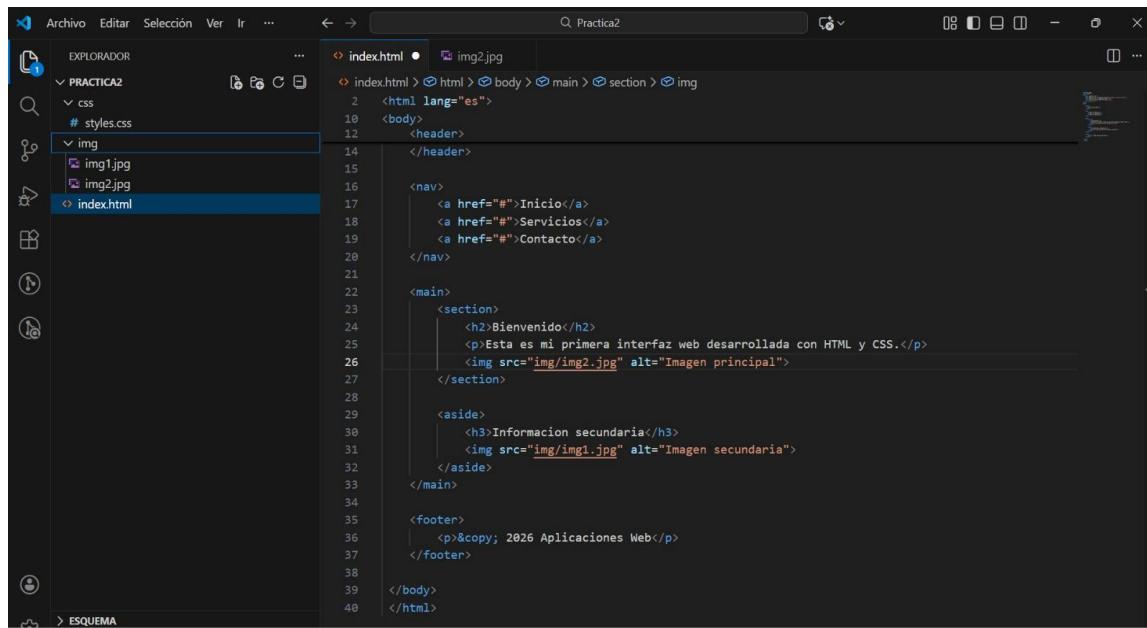
Materia: Aplicaciones Web

Catedrático: Diana Xochilt Ruano Vargas

Alumno: Santiago Rivera Tetetla

Fecha: 16/01/2026

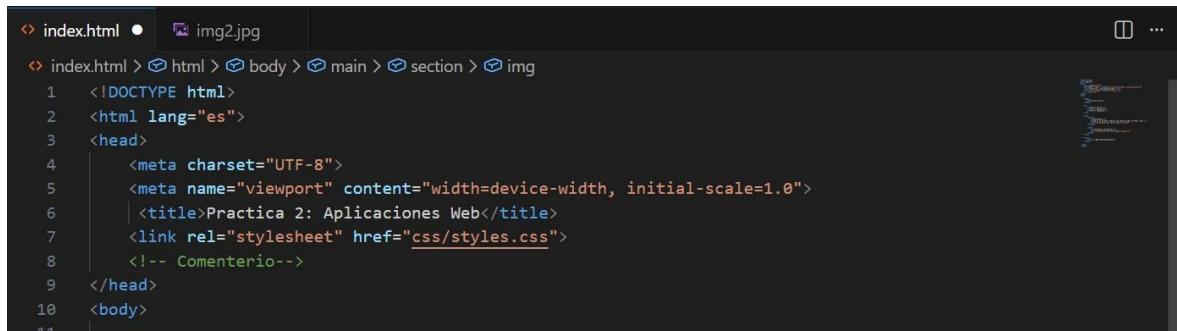
ESTRUCTURA DEL PROYECTO



The screenshot shows a code editor interface with the following details:

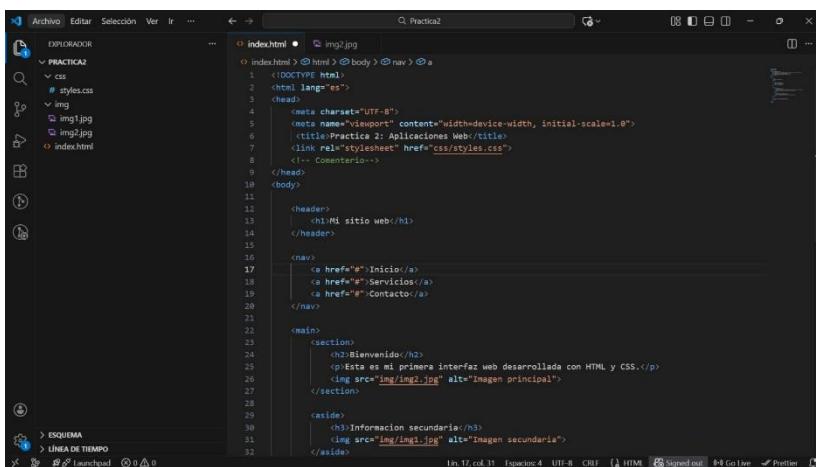
- EXPLORADOR (Explorer):** Shows the project structure:
 - PRACTICA2
 - css
 - # styles.css
 - img
 - img1.jpg
 - img2.jpg
 - index.html
- visor de código (Code viewer):** Displays the HTML code for index.html. The code includes a header, navigation menu, main content section with a welcome message and an image, and a sidebar with secondary information. The file is saved at line 40.

ESTRUCTURA HTML

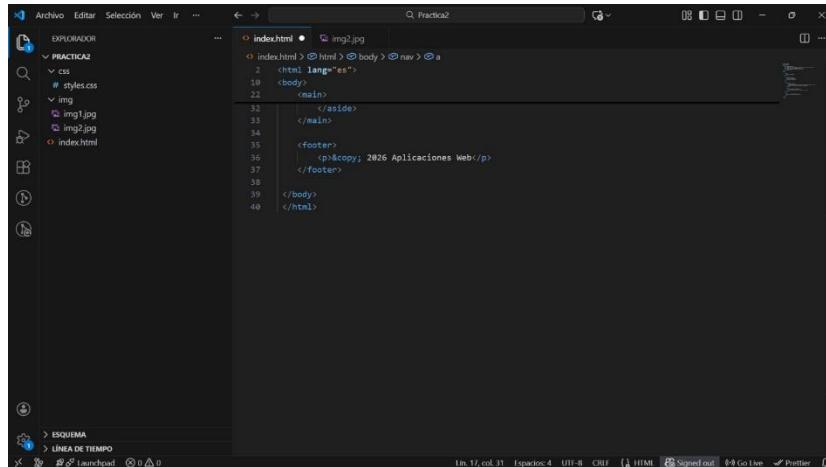


```
1  <!DOCTYPE html>
2  <html lang="es">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      |<title>Practica 2: Aplicaciones Web</title>
7      |<link rel="stylesheet" href="css/styles.css">
8      |<!-- Comentario--&gt;
9  &lt;/head&gt;
10 &lt;body&gt;</pre>
```

ESTRUCTURA CON DATOS

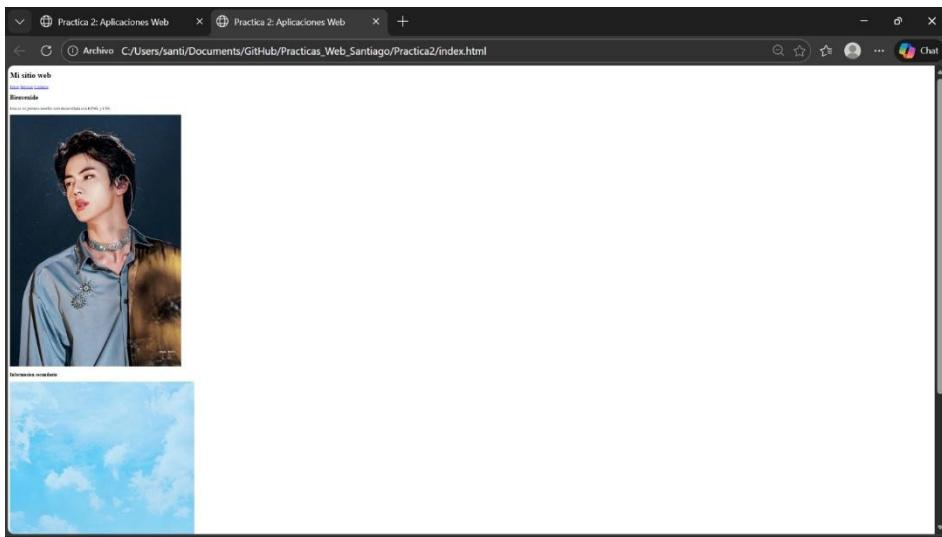


```
1  <!DOCTYPE html>
2  <html lang="es">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      |<title>Practica 2: Aplicaciones Web</title>
7      |<link rel="stylesheet" href="css/styles.css">
8      |<!-- Comentario--&gt;
9  &lt;/head&gt;
10 &lt;body&gt;
11
12     &lt;header&gt;
13         &lt;h1&gt;Mi sitio web&lt;/h1&gt;
14     &lt;/header&gt;
15
16     &lt;nav&gt;
17         &lt;a href="#"&gt;Inicio&lt;/a&gt;
18         &lt;a href="#"&gt;Servicios&lt;/a&gt;
19         &lt;a href="#"&gt;Contacto&lt;/a&gt;
20     &lt;/nav&gt;
21
22     &lt;main&gt;
23         &lt;section&gt;
24             &lt;h2&gt;Bienvenido&lt;/h2&gt;
25             &lt;p&gt;Esta es mi primera interfaz web desarrollada con HTML y CSS.&lt;/p&gt;
26             &lt;img src="img/img2.jpg" alt="Imagen principal" /&gt;
27         &lt;/section&gt;
28
29         &lt;aside&gt;
30             &lt;h3&gt;Información secundaria&lt;/h3&gt;
31             &lt;img src="img/img1.jpg" alt="Imagen secundaria" /&gt;
32         &lt;/aside&gt;
33     &lt;/main&gt;
34
35     &lt;footer&gt;
36         &lt;p&gt;&amp;copy; 2026 Aplicaciones Web&lt;/p&gt;
37     &lt;/footer&gt;
38
39 &lt;/body&gt;
40 &lt;/html&gt;</pre>
```



```
1  <!DOCTYPE html>
2  <html lang="es">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      |<title>Practica 2: Aplicaciones Web</title>
7      |<link rel="stylesheet" href="css/styles.css">
8      |<!-- Comentario--&gt;
9  &lt;/head&gt;
10 &lt;body&gt;
11
12     &lt;header&gt;
13         &lt;h1&gt;Mi sitio web&lt;/h1&gt;
14     &lt;/header&gt;
15
16     &lt;nav&gt;
17         &lt;a href="#"&gt;Inicio&lt;/a&gt;
18         &lt;a href="#"&gt;Servicios&lt;/a&gt;
19         &lt;a href="#"&gt;Contacto&lt;/a&gt;
20     &lt;/nav&gt;
21
22     &lt;main&gt;
23         &lt;section&gt;
24             &lt;h2&gt;Bienvenido&lt;/h2&gt;
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27         &lt;/section&gt;
28
29         &lt;aside&gt;
30             &lt;h3&gt;Información secundaria&lt;/h3&gt;
31             &lt;img src="img/img1.jpg" alt="Imagen secundaria" /&gt;
32         &lt;/aside&gt;
33     &lt;/main&gt;
34
35     &lt;footer&gt;
36         &lt;p&gt;&amp;copy; 2026 Aplicaciones Web&lt;/p&gt;
37     &lt;/footer&gt;
38
39 &lt;/body&gt;
40 &lt;/html&gt;</pre>
```

PAGINA SIN DISEÑO



STYLES

```
body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
}

/* Encabezado */
header {
    background-color: #e6eaf2;
    color: black;
    padding: 10px;
    text-align: center;
}

/* Navegación */
nav {
    background-color: #e6eaf2;
    padding: 10px;
    text-align: center;
}

nav {
    margin: 0 10px;
    text-decoration: none;
    color: #333;
    font-weight: bold;
}

/* Contenedor principal */
main {
    display: flex;
    gap: 20px;
    padding: 20px;
}
```

```
body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
    text-align: center;
    padding: 10px;
}

/* ===== */
/* DISEÑO RESPONSIVO */
/* ===== */

/* TABLET */
@media (max-width: 1024px) {
    section {
        flex: 1;
    }
    aside {
        flex: 1;
    }
}

/* MÓVIL */
@media (max-width: 600px) {
    main {
        flex-direction: column;
    }
    nav {
        display: flex;
        flex-direction: column;
    }
}
```

```
body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
}

/* Encabezado */
header {
    background-color: #e6eaf2;
    color: black;
    padding: 10px;
    text-align: center;
}

/* Navegación */
nav {
    background-color: #e6eaf2;
    padding: 10px;
    text-align: center;
}

nav {
    margin: 0 10px;
    text-decoration: none;
    color: #333;
    font-weight: bold;
}

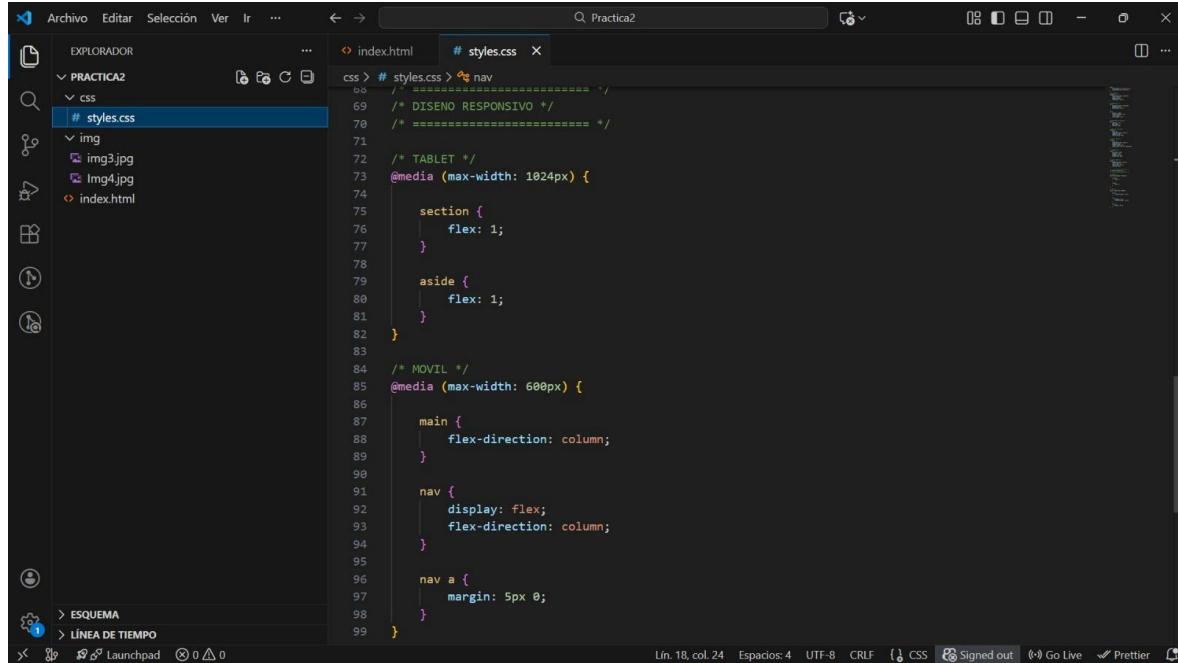
/* Contenedor principal */
main {
    display: flex;
    gap: 20px;
    padding: 20px;
}

/* Barra lateral */
aside {
    flex: 1;
    background-color: #e6eaf2;
    padding: 10px;
    border-radius: 5px;
    border-left: 2px solid #e6eaf2;
}

/* Imagenes */
img {
    max-width: 100%;
    height: auto;
    display: block;
    margin-top: 10px;
}

/* Pie de página */
footer {
    background-color: #e6eaf2;
    color: black;
    padding: 10px;
    text-align: center;
}
```

RESPONSIVO

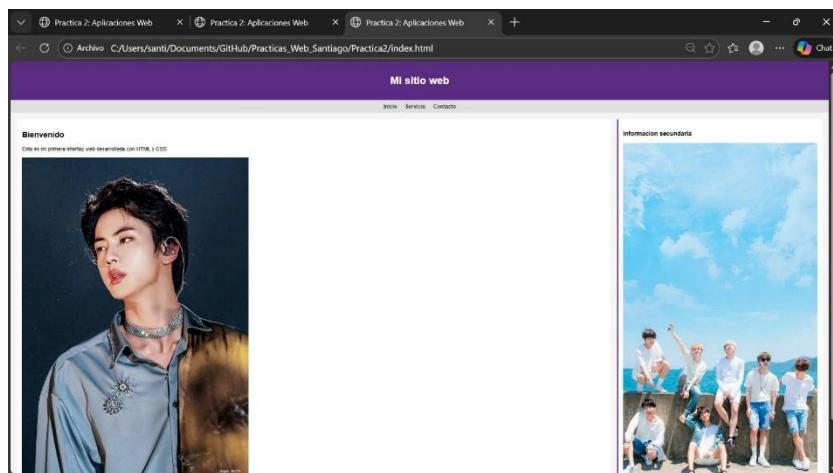


The screenshot shows a code editor interface with a dark theme. On the left is a file explorer titled 'EXPLORADOR' showing files like 'index.html', '# styles.css', 'img3.jpg', 'img4.jpg', and 'index.html'. The main area displays the following CSS code:

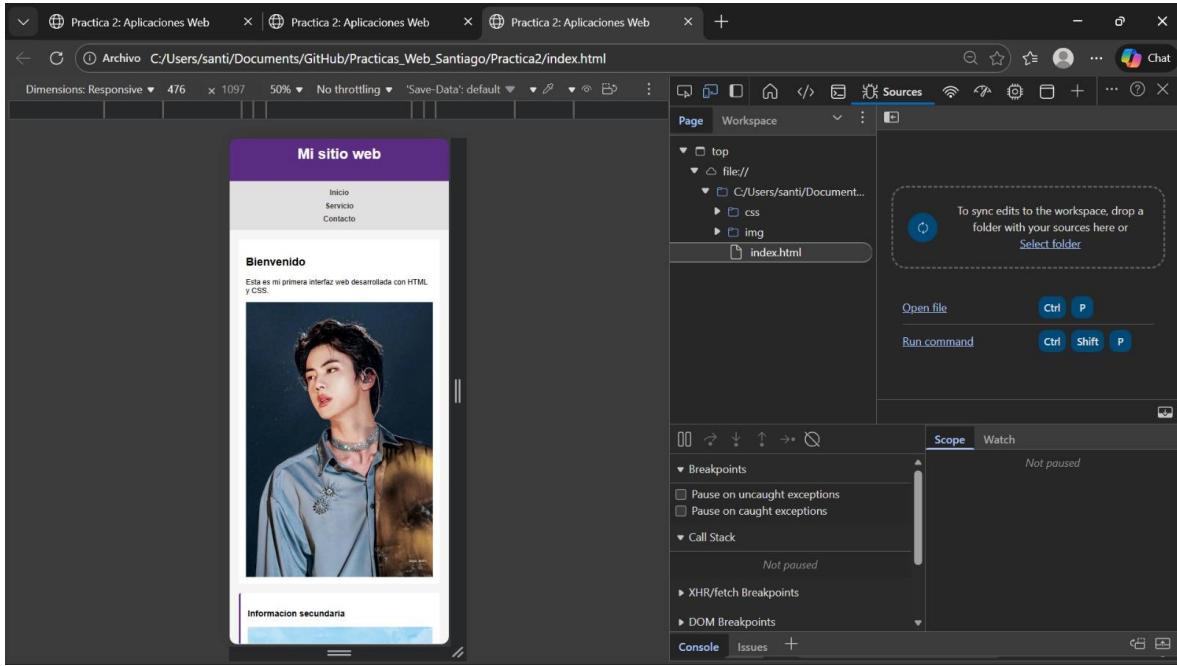
```
css > # styles.css > nav
68 /* ===== */
69 /* DISEÑO RESPONSIVO */
70 /* ===== */
71 /* TABLET */
72 @media (max-width: 1024px) {
73
74     section {
75         flex: 1;
76     }
77
78     aside {
79         flex: 1;
80     }
81 }
82
83 /* MOVIL */
84 @media (max-width: 600px) {
85
86     main {
87         flex-direction: column;
88     }
89
90     nav {
91         display: flex;
92         flex-direction: column;
93     }
94
95     nav a {
96         margin: 5px 0;
97     }
98 }
```

At the bottom, status bar items include: Lín. 18, col. 24 Espacios: 4 UTF-8 CRLF { CSS Signed out Go Live Prettier

PAGINA CON DISEÑO



PAGINA MOVIL



MONGO DB

