CSS

1. What is CSS?

The language responsible in defining the appearance of HTML elements and their destinations is CSS (Cascading Style Sheets).

It isolates the content and presentation inseparably, HTML composes the framework, and the style (CSS).

Named after the "cascading" effect that styles may originate in different sources and their priority rules cause them to cascade.

2. The CSS and its part in Web Development

Identifies color, fonts, spacing and layout.

Makes the websites responsive to re-adjust to various screen sizes.

Enhances user experience by making sites appealing and user friendly.

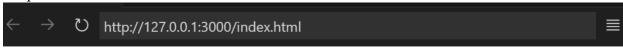
Uses the media queries to guarantee cross-device accessibility.

3. Where to add CSS?

a. Inline CSS- inside the HTML elements style attributes.

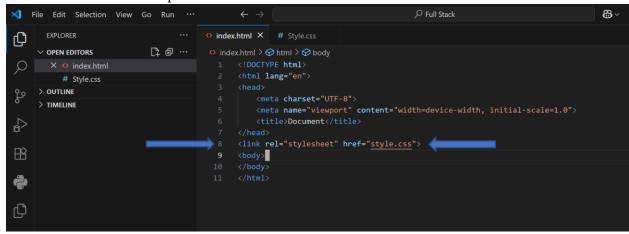
```
File Edit Selection View Go Run ...  

index.html 
ind
```



This is red text

- b. Internal CSS- Inside a <style> tag in the <head> section.
- c. External CSS- In a separate .css file linked via <link>



4. Common CSS Properties

- Color & Background: color, background-color, background-image.
- Typography: font-family, font-size, font-weight, line-height.
- Spacing: margin, padding.
- Borders & Shadows: border, border-radius, box-shadow.
- Layout: display, position, flexbox, grid.
- Effects: transition, transform, hover.

5. CSS Selectors

- Element selector: p {} targets all tags.
- Class selector: .highlight { } targets elements with class="highlight".
- ID selector: #main {} targets element with id="main".
- Descendant selector: nav a {} targets <a> inside <nav>.
- Group selector: h1, h2 {} styles both headings.

CSS examples in practice:

```
| File | Edit | Selection | View | Go | Rum | *** | Postant | Rum | Postant | Rum |
```

CSS:

```
File Edit Selection View Go Run
                                                                                              > Search
                       # style.css X
凸
      C: > Users > acer > Documents > - ISMT > - Courses > - Third Trimester > Practice Full stack > For Assign SS > # style.css > ...
              body {
                  font-family: Arial, sans-serif;
وړ
                  margin: 0;
                  padding: 20px;
                  background-color: ■#f0f8ff; /* light blue background */
                  color: □#333; /* dark gray text */
胎
              /* Heading Style */
                  color: ■#0056b3; /* blue heading */
                  text-align: center;
                  font-size: 2.5em;
                  margin-bottom: 20px;
              /* Paragraph Style */
                  font-size: 1.2em;
                  text-align: center;
                  line-height: 1.5;
        24
```

Output



a. Here are more example's using Internal CSS- Inside a <style> tag in the <head> section.

Output:

