ASSIGNMENT - 14.2

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BATCH NUMBER: 01

COURSE CODE: 24CSO02PC215

PROGRAM NAME: B.TECH

YEAR/SEM: 2ND AND 3RD

<u>TASK 1:</u>

Ask AI to generate a simple HTML homepage for a "Student

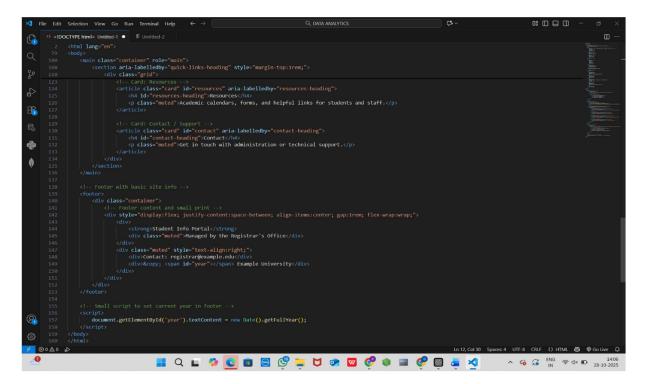
Info Portal" with a header, naviga on menu, and footer.

PROMPT:

Generate a simple HTML homepage for a "Student Info Portal" that includes a <header>, <nav>, and <footer>. Ensure the code

has clean indenta on, proper tags, and includes comments for clarity.

CODE:



OUTPUT:

- •HTML code with <header>, <nav>, <footer>.
- Clean indenta on, proper tags, and comments.

TASK 2:

Use AI to add CSS styling to Task #1 homepage for:

- Responsive naviga on bar.
- Centered content sec on.
- Footer with light gray background

PROMPT:

"Add modern CSS styling to Task #1 homepage with a responsive naviga on bar (flex or grid), a centered main content sec on, and a footer with a light gray background. Make sure it's mobilefriendly and visually clean."

CODE:

```
| Comparison | Com
```

OUTPUT:

- HTML + CSS combined.
- AI explains how CSS classes apply.
- •AI refactors with with open() and try-except.

TASK 3:

Prompt AI to generate a JS script that validates a simple login form (non-empty username/password).

PROMPT:

"Generate a JavaScript script that validates a simple login form, ensuring the username and password fields are not empty before submission."

CODE:

```
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```

OUTPUT:

- *Working on submit JS valida on.
- *Clear error messages if inputs are empty.

<u>TASK 4:</u> Ask AI to generate a Flask app that serves the HTML form (Task

#3) and prints the username on successful login.

<u>PROMPT:</u> "Generate a Flask app that serves the login HTML form from Task #3 and displays the username on a successful login."

CODE:

OUTPUT:

*Working on submit JS valida on.

*Clear error messages if inputs are empty