ASSIGNMENT – 14.2

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BATCH NUMBER: 01

COURSE CODE: 24CS002PC215

PROGRAM NAME: B.TECH

YEAR/SEM: 2ND AND 3RD

TASK 1:

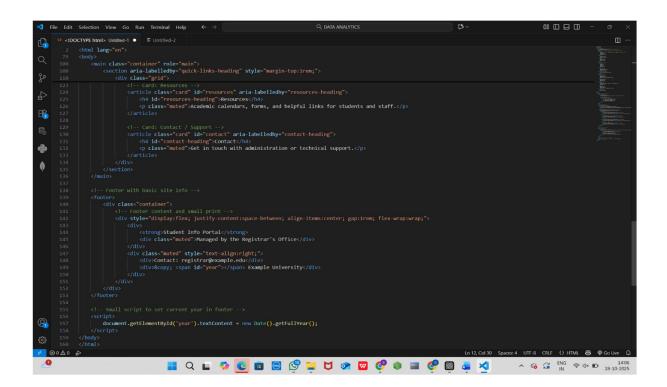
Ask AI to generate a simple HTML homepage for a "Student Info Portal" with a header, navigation menu, and footer.

PROMPT:

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

has clean indentation, proper tags, and includes comments for clarity.

CODE:



OUTPUT:

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

TASK 2:

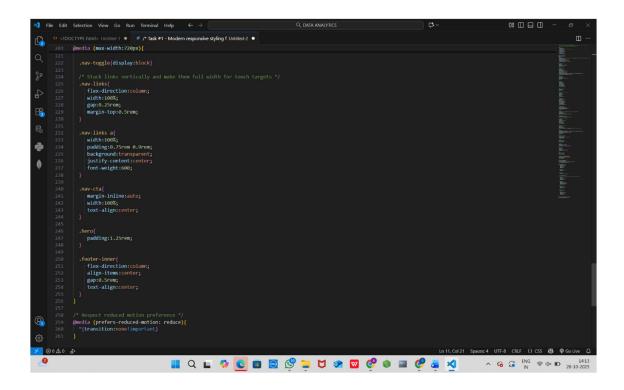
Use AI to add CSS styling to Task #1 homepage for:

- Responsive navigation bar.
- Centered content section.
- Footer with light gray background

PROMPT:

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

CODE:



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:

OUTPUT:

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

TASK 4: 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:

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OUTPUT:

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