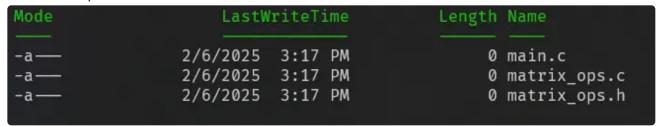
Task 04 - 2D Arrays, Nested for loops and Functions

Matrix Operations

- 1. Write a function that takes two matrices and prints out the sum.
- 2. Write a function that takes two matrices and prints out the difference.
- 3. Write a function that multiplies two matrices (Bonus)

NOTE: Create a separate file that contains the matrix operations functions with a header file, and then include the header in the main file.



Patterns

- 1. Print a right half pyramid with a given number of rows.
 - → Create a function that takes the number of rows and prints out the pattern.

| Enter number of rows: 5 | | |
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- 2. Print a pyramid pattern of stars with a given number of rows, Example:
 - → Create a function that takes the number of rows and prints out the pattern.

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Enter number of rows: 5

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- 3. Print an inverted pyramid pattern of stars with a given number of rows.
 - → Create a function that takes the number of rows and prints out the pattern.

Submission

DEADLINE: THURSDAY (13/2/2025).

SUBMISSION: upload the folder with the tasks to google drive and attach screen shots of the output.

LINK:

https://docs.google.com/forms/d/e/1FAIpQLSfRoAgKwt8uH2qOoLoH7rJ_xEUItm02fAsMm DjyEvvnNCxQQw/viewform?usp=header