Documentation for ECPROG PROJ

Header File: pretila_matrixops

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void matrix_addition(int A[][100], int B[][100], int result[][100], int rows, int cols)

- Adds matrices A and B, storing the result in result.

void matrix_subtraction(int A[][100], int B[][100], int result[][100], int rows, int cols)

- Subtracts matrix B from A, storing the result in result.

void matrix_multiplication(int A[][100], int B[][100], int result[][100], int rows_A, int cols_A, int cols_B)

- Multiplies matrices A and B, storing the result in result.

void matrix_transpose(int A[][100], int result[][100], int rows, int cols)

- Transposes matrix A, storing the result in result.

Implementation File: pretila_matrixops

matrix_addition, matrix_subtraction, matrix_multiplication, matrix_transpose

- Implement the respective operations by iterating through matrix elements.

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mainpretila_test

void print_matrix(int matrix[][100], int rows, int cols)

- Helper function to print matrices to the console.

int main()

- Demonstrates the usage of matrix operations functions with sample matrices.