Individual. Valid for the second cut. January 21 2025. To submit to Moodle Platform January 27 along the day.

Create a project in Visual Studio, Replit or compile by command console. Use C programming language.

Design a C code using mandatory dynamic memory allocation that allows obtaining the dot product between two matrices. The matrices must be 2D but the size and numbers of the matrices should be entered by a user via keyboard input.

**Submit a report showing the code, pseudocode and flowchart, you must perform step by step validation (using pseudocode or flowchart).  Submit debugging code using your IDE. You must submit screenshots with the results, presenting the location of the project on your hard drive or Replit user. Perform manual validation step by step, assigning real values, check that these values are the same in the validation and in your computer program. The code must be able to be copied and pasted.**