

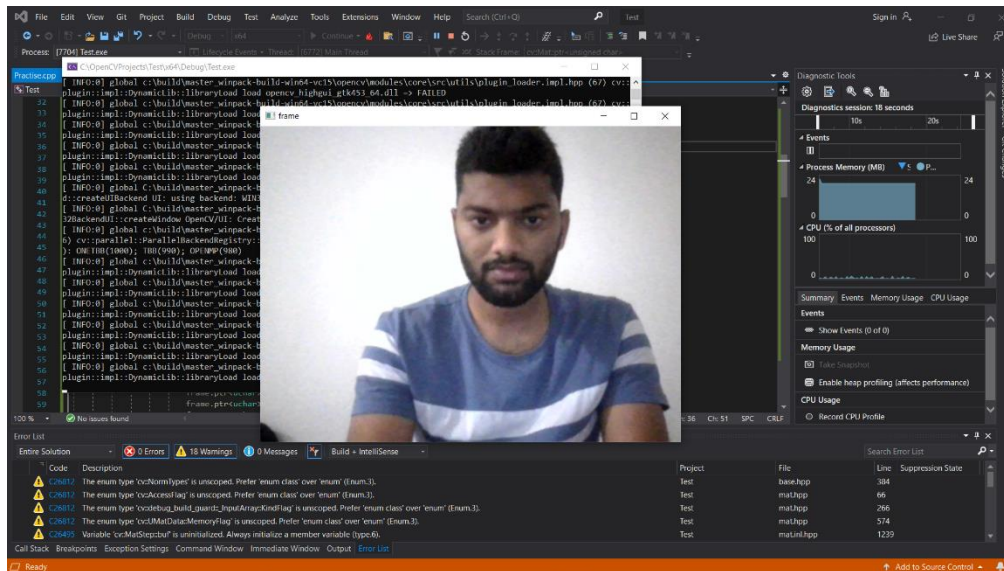
Realtime Mosaic Project

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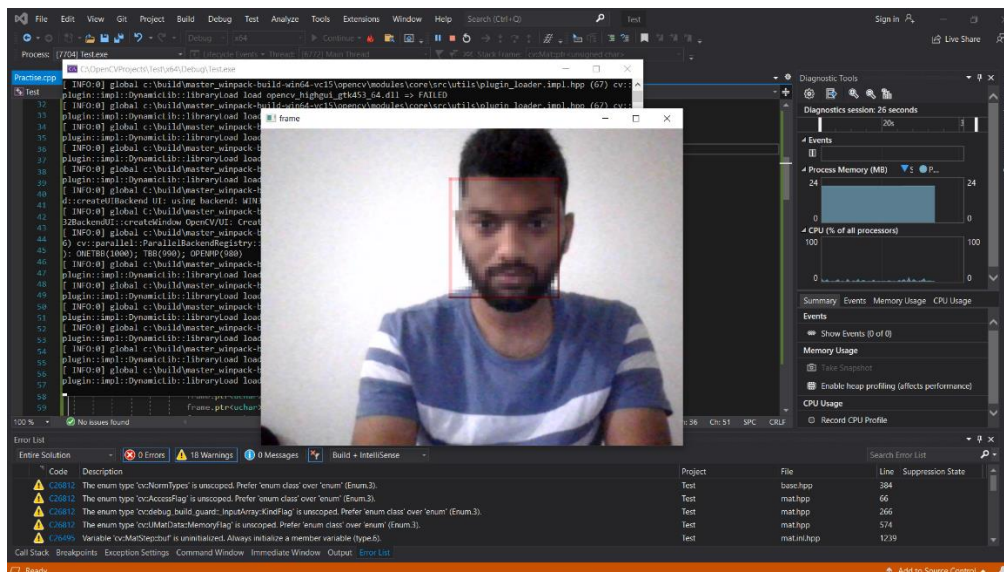
Student ID: 1017096070

Output:

01. Webcam Frame



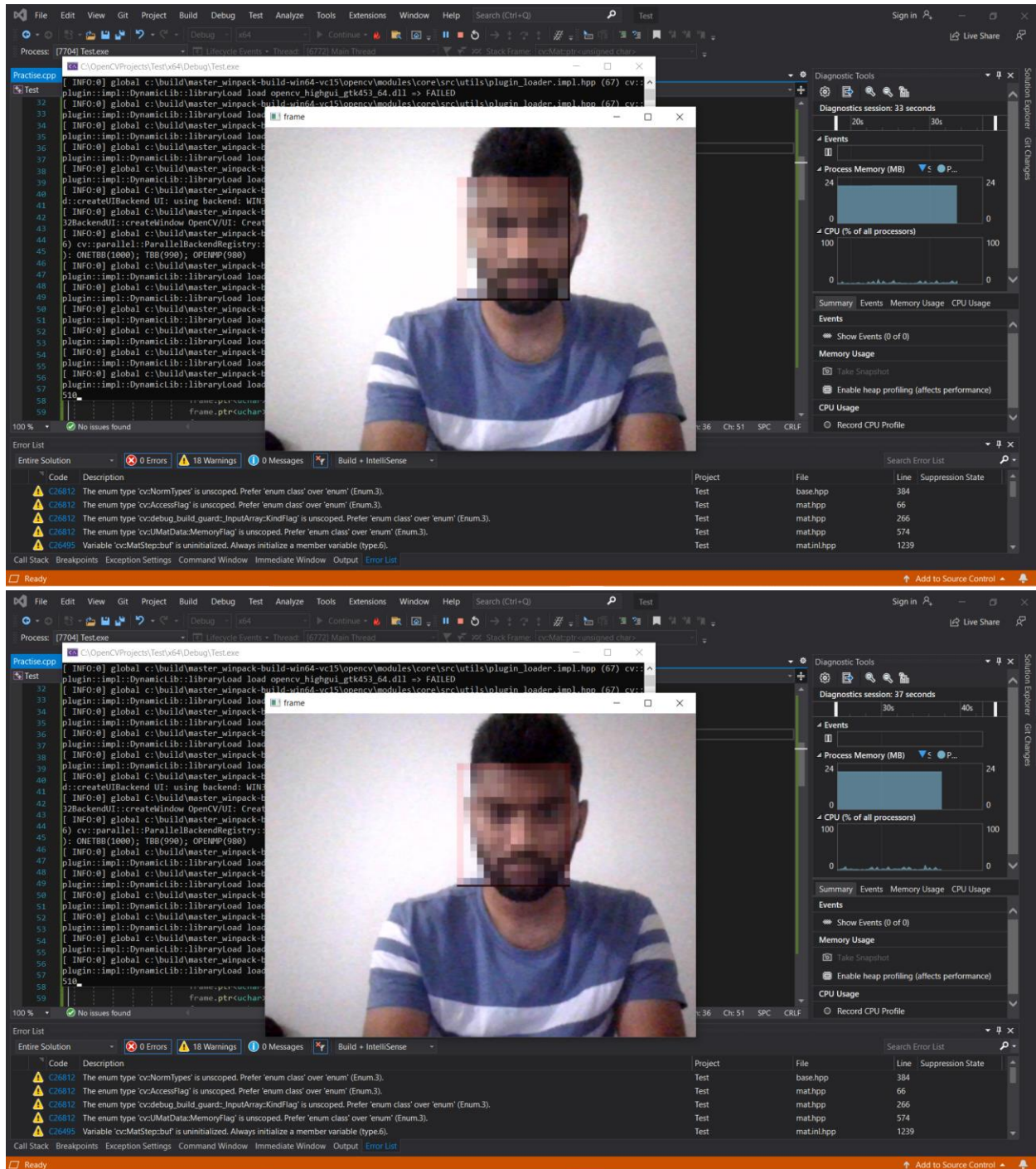
02. Initial Blur after selecting ROI



03. Increasing/Decreasing the Blur Degree of selected ROI by key press

'i' or 'I' for increase

'd' or 'D' for decrease



04. Reset the screen (Remove selected ROI) by clicking 'r' or 'R' key

The screenshot shows the Visual Studio Code interface with a video feed window titled 'frame'. The video feed displays a man's face. A single red rectangular ROI is selected on the left side of the face. The background shows the C++ source code of the application, with various log messages and error messages visible in the console and error list. The error list shows several warnings related to enum types and uninitialized variables.

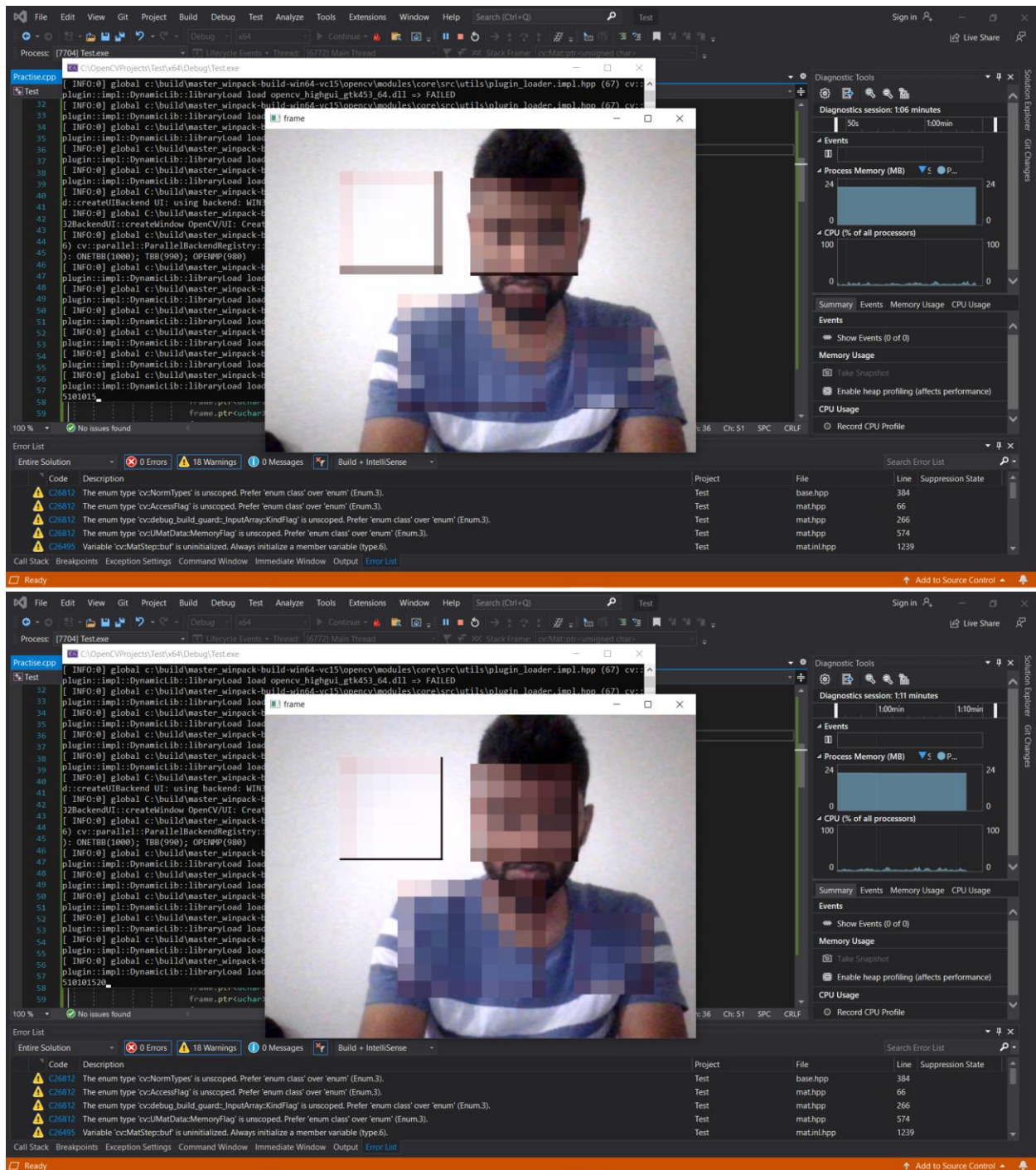
05. Select Multiple ROI

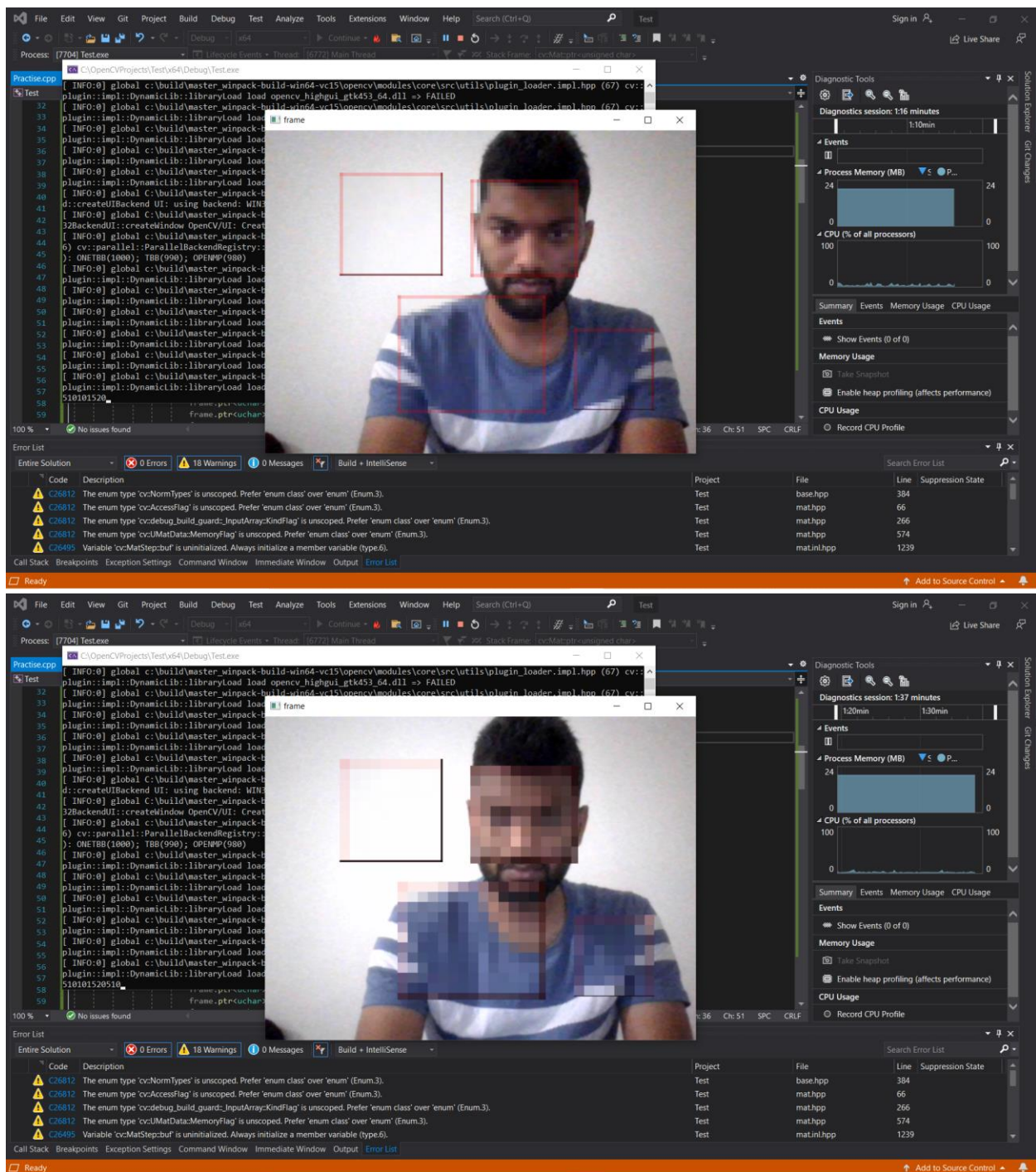
The screenshot shows the Visual Studio Code interface with a video feed window titled 'frame'. The video feed displays a man's face. Multiple red rectangular ROIs are selected on the face, including one on the forehead, one on the nose, and one on the chin. The background shows the C++ source code of the application, with various log messages and error messages visible in the console and error list. The error list shows several warnings related to enum types and uninitialized variables.

06.Increasing/Decreasing the Blur Degree of selected ROI by key press

'i' or 'I' for increase

'd' or 'D' for decrease





Note: When I'm trying to save the final frame by pressing 's' or 'S' on keyboard, image is getting saved only if I don't mention a specific path saying that Writing permission is denied. So, saving the file in the same folder where the project cpp file is present.