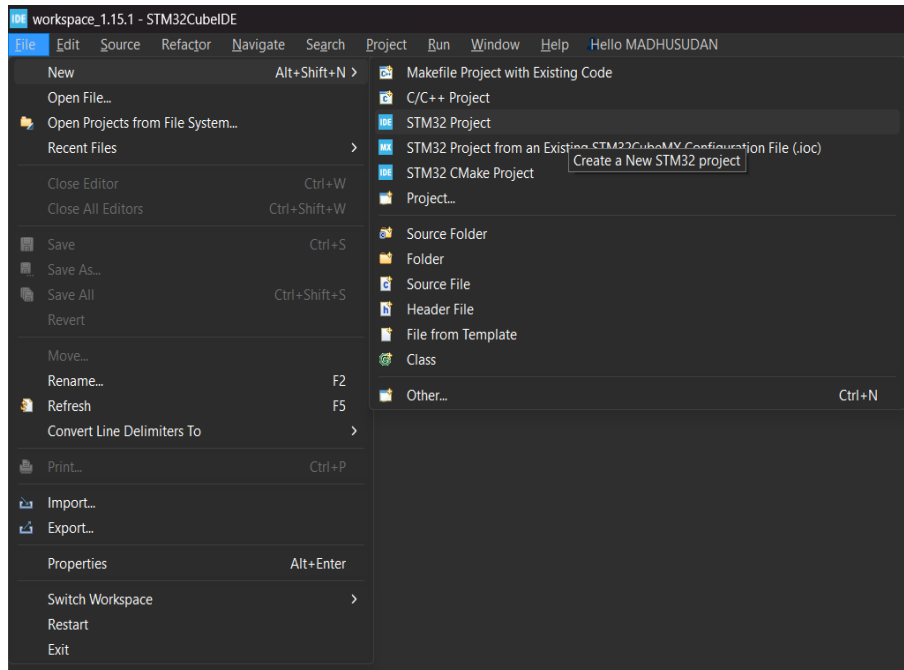
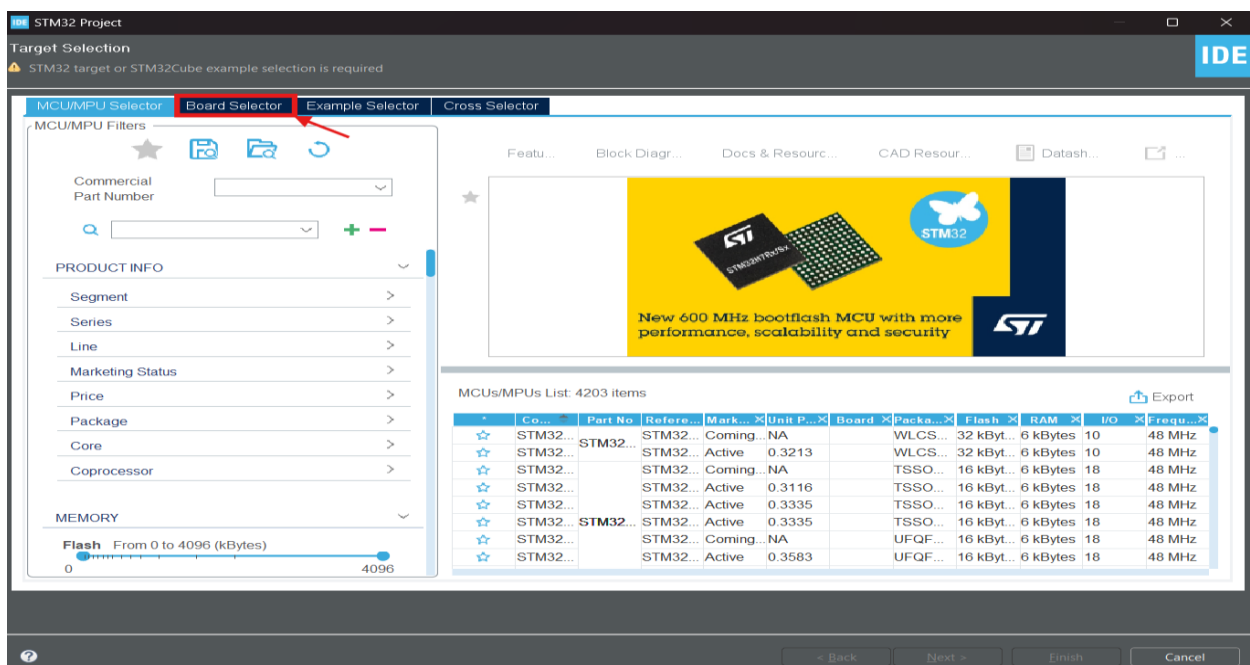


## HOW TO CREATE A NEW PROJECT IN STM32CubeIDE

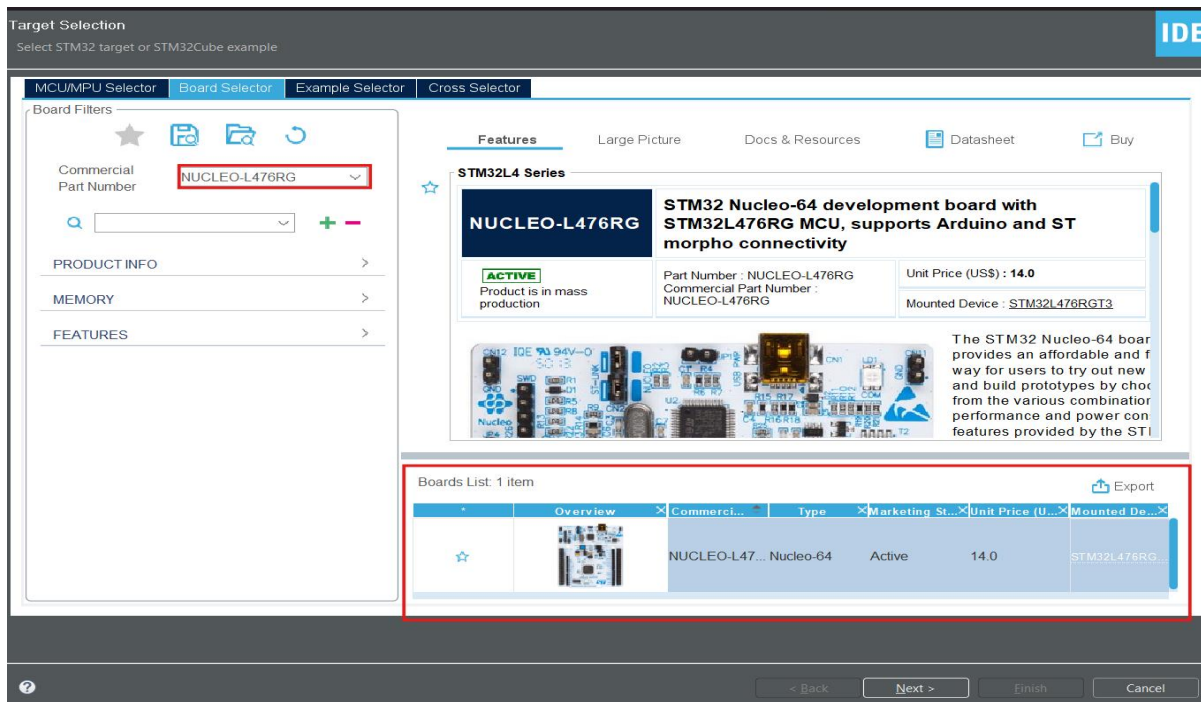
- Go to File > New > STM32 Project



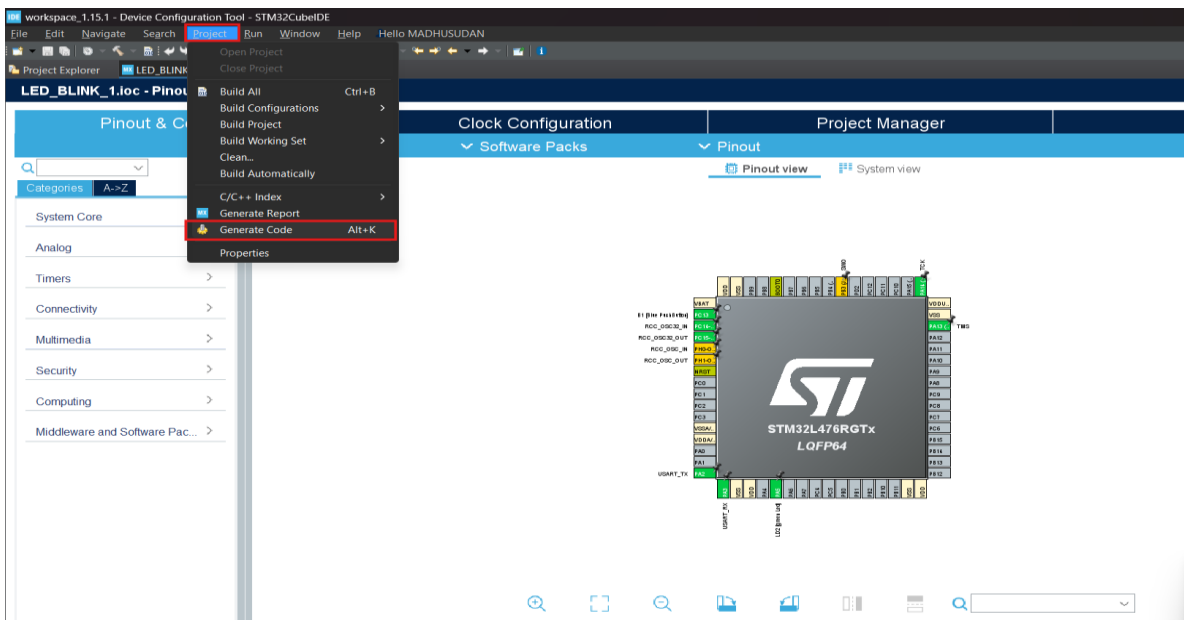
- After creating the new STM32 project, the following window will be opened. Now click on board selector tab in the window.



- Enter the board name you are using; in this case, we are using NUCLEO-L476RG. After selecting the board name, it will appear on the right side in the same window; click on it and then click next.



- A new window will be prompted here Enter the project name and click finish. Once you click Finish, the IDE will give you a prompt; click yes.
- Now your project has been created. A home page of the project is open here; the default PIN configurations are shown. Hover the cursor over pins highlighted in green; it shows which GPIO and where it is connected.
- Select the project tab in the STM32CubeIDE and click on generate code. This will auto-generate code and files required for the board.



- A main.c file will be opened.