

Steps to operate Keil uVision5

- ➔ Create your own folder with registration no under folder (document), and then click on Keil uVision5
 - ➔ Click on project
 - ➔ Click on uVision project
 - ➔ Give your project name and set the project location to your respective folder [Ex - lab4]
 - ➔ For ARM7 select the legacy Device Database for RTE from drop down arrow
 - ➔ Search the Device LPC2148 and select under legacy Device Database
 - ➔ Click on 'yes' to copy startup.s file in the project Target ^{has been}
 - ➔ project is Created.

See left side of the window project lab4
 - ➔ Startup.s has been added
 - ➔ Click on New under file to create a file to write the program
New Text Editor opened
 - ➔ Write the program
 - ➔ Save the program by clicking on Save under file
Save the program withasm in the project folder location
- Filename → project.asm
- Steps

Add the program

- first remove the Startup.s file from Source group.
 - Right click on Startup.s and then Remove file.
 - Click on yes to remove.
- Right click on the Source Group to add the program.
 - Select the file type as .s
 - Select the program from your folder.
 - Click on Add and close.

→ Compile the source program

- Translate the program by right click on program file and select Translate.
Click on left most icon of 2nd toolbar.

Any error message will display at the bottom of the editor window.

- Build the program to create Target by right click on the file.
It will display if any error message.
- Rebuild the program to create Target by right clicking the file.

→ Execute the program

- Click on Start / Stop Debug Session.
- Click on OK to Start Debug.
- Click on Run icon.

- Stop the Run to check the result.
 - Stop Debug session to stop execution.