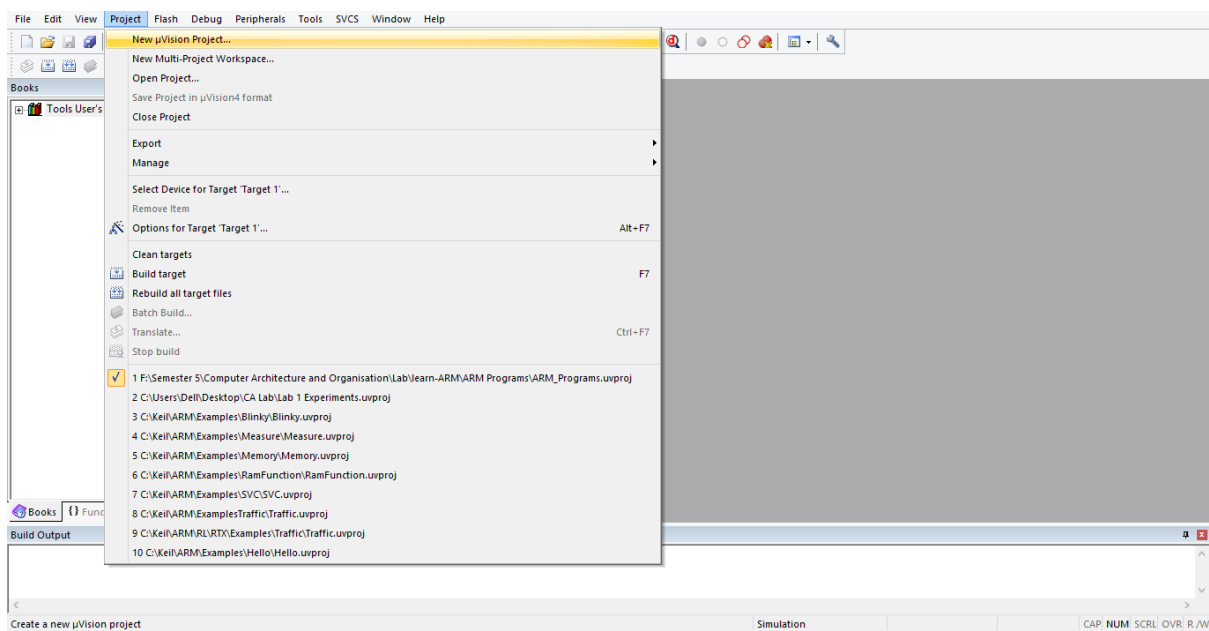
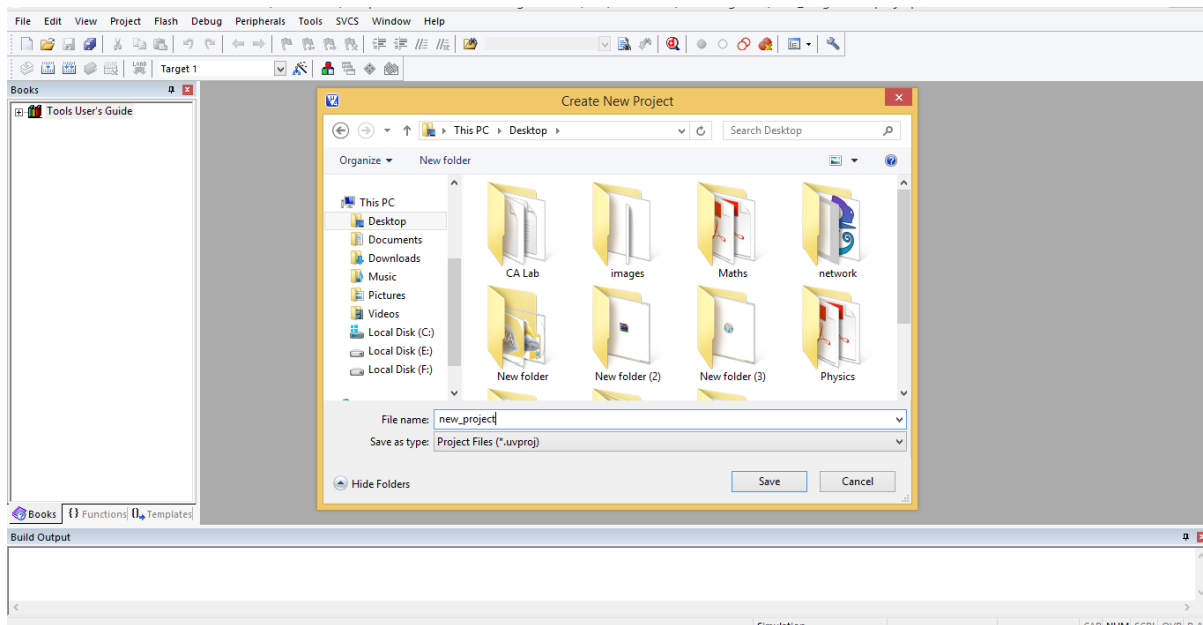


How to run program ARM program in Keil uvision4

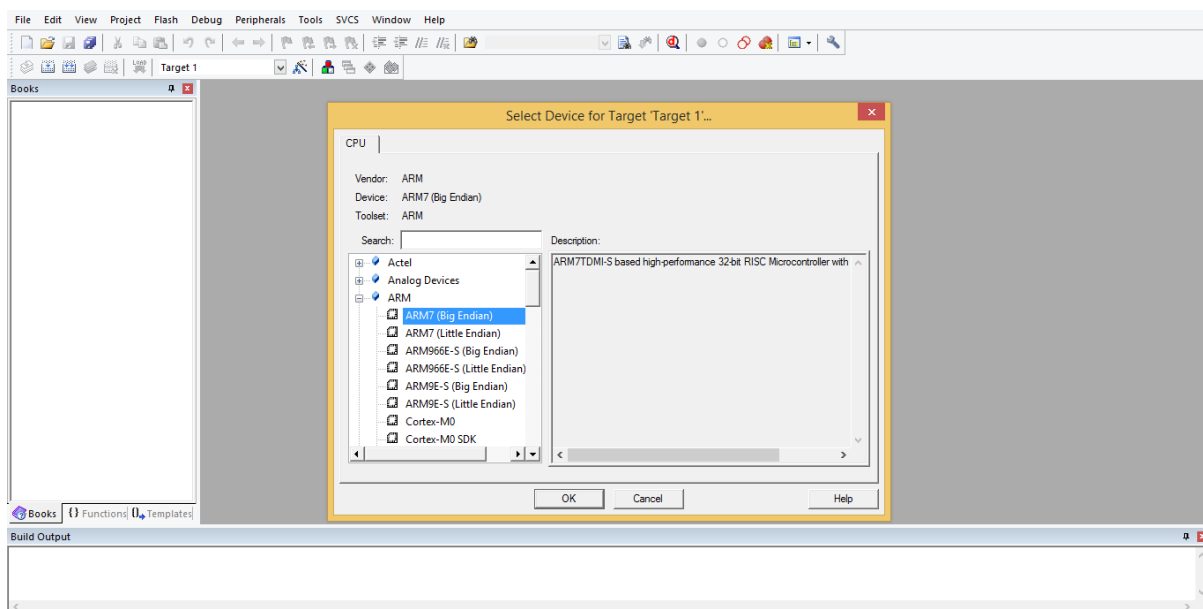
1. Let's start with a new project.
2. Click on 'Project' from menu bar and then select 'new uvision project'.



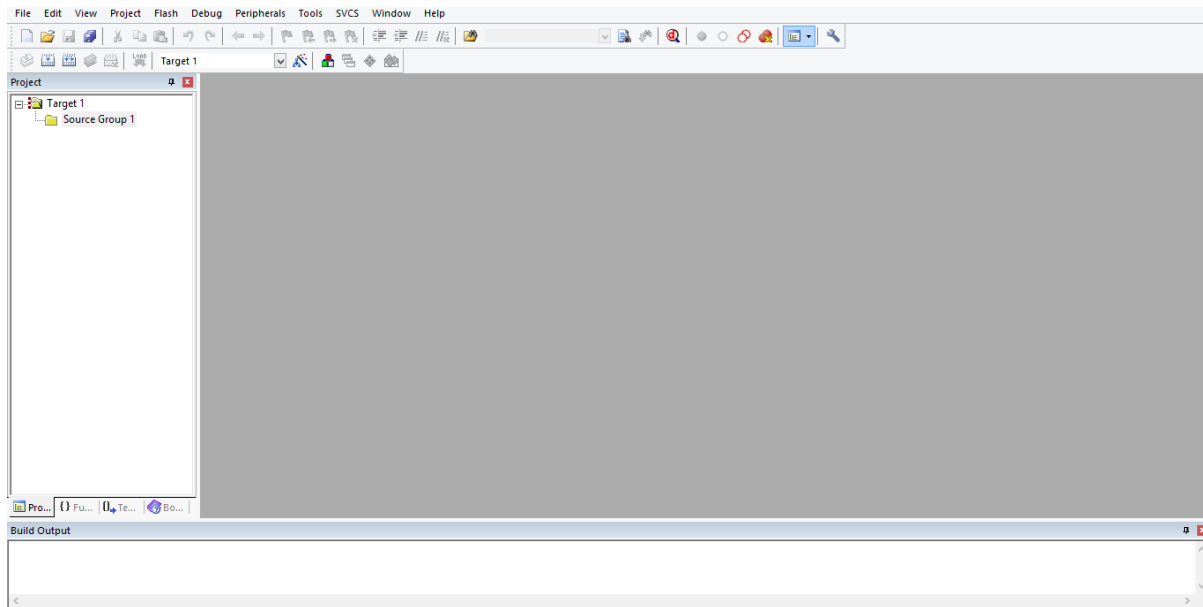
3. New project window will appear. Choose the location of the project and type in the project name. Click 'save' to create project.



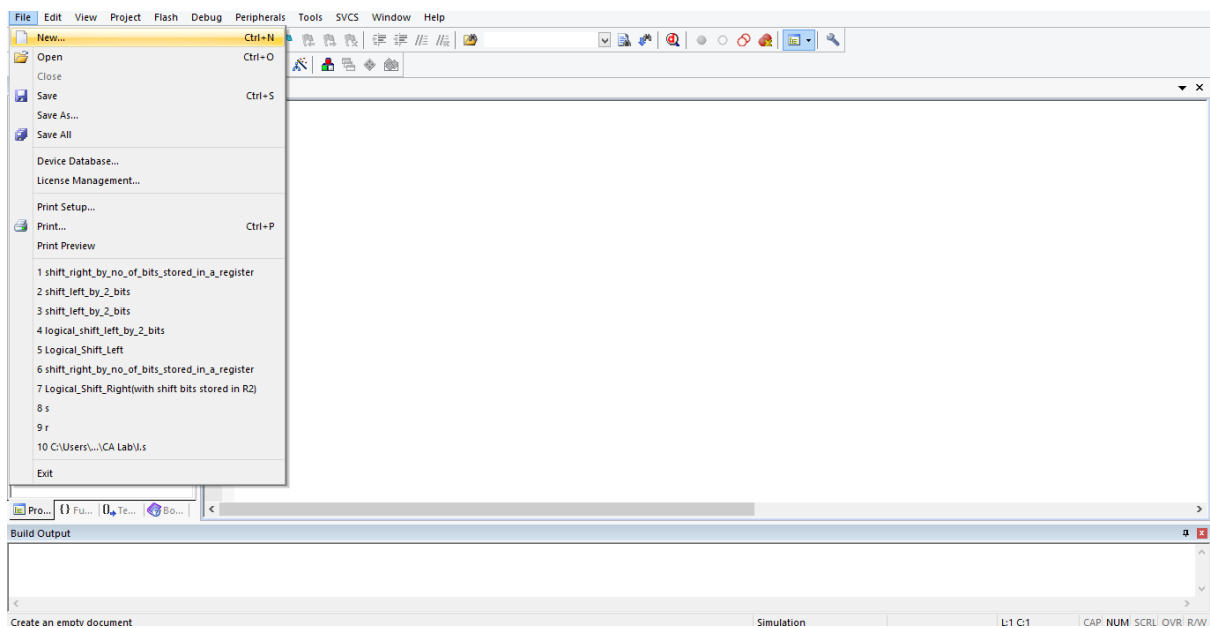
4. In next window, select the target device. Choose ARM -> ARM7(BIG ENDIAN). Click 'OK'.



5. Project workspace will appear.



6. Click on 'File' option in menu bar and select 'New' to create a new workspace.



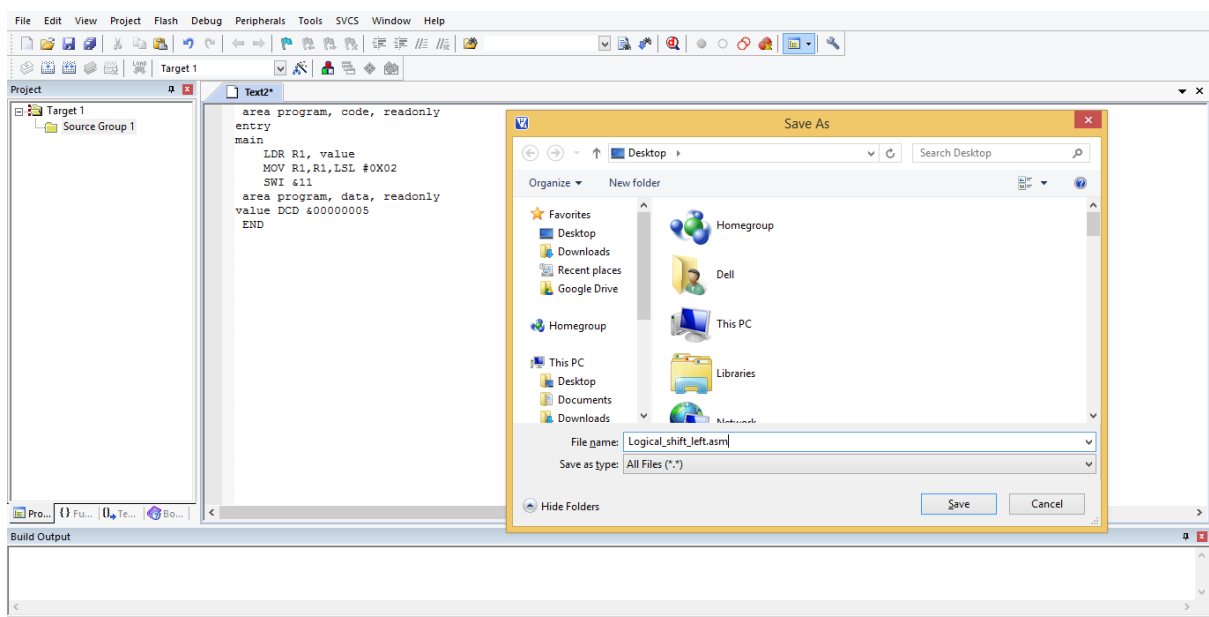
7. Copy and paste the following code in the editor –

A. Shift Left by 2 bits

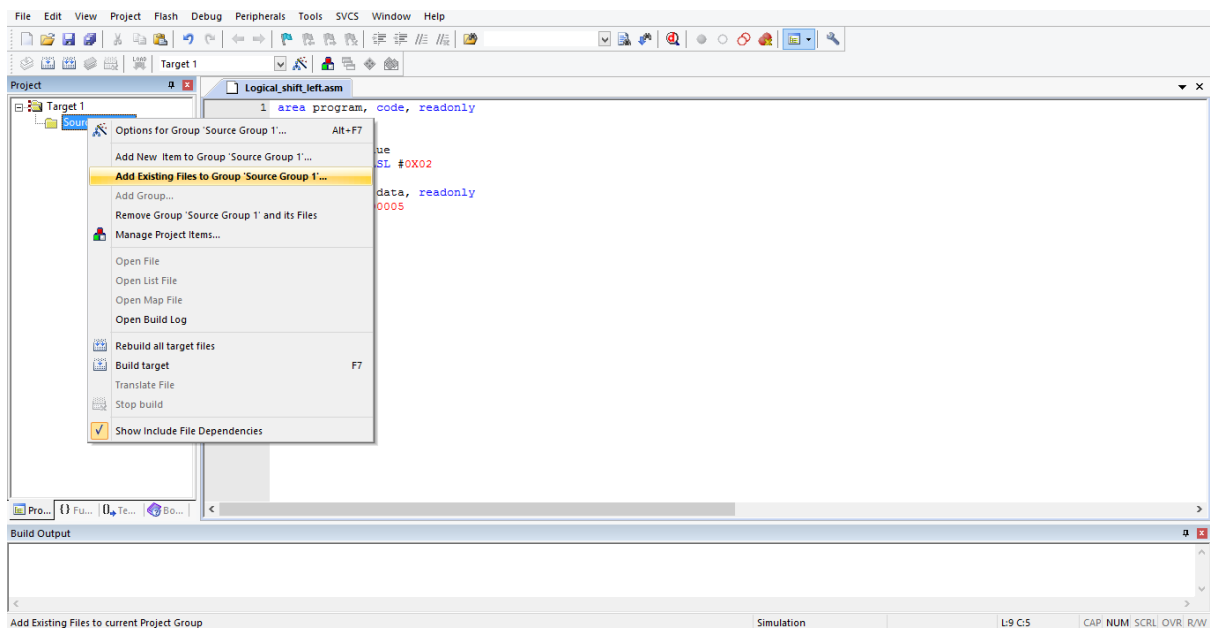
```
area program,code,readonly
entry
main
    LDR R1,value
    MOV R1,R1,LSL#0X02
    SWI &11
area program,data,readonly
value DCD &00000005
END
```

SWI

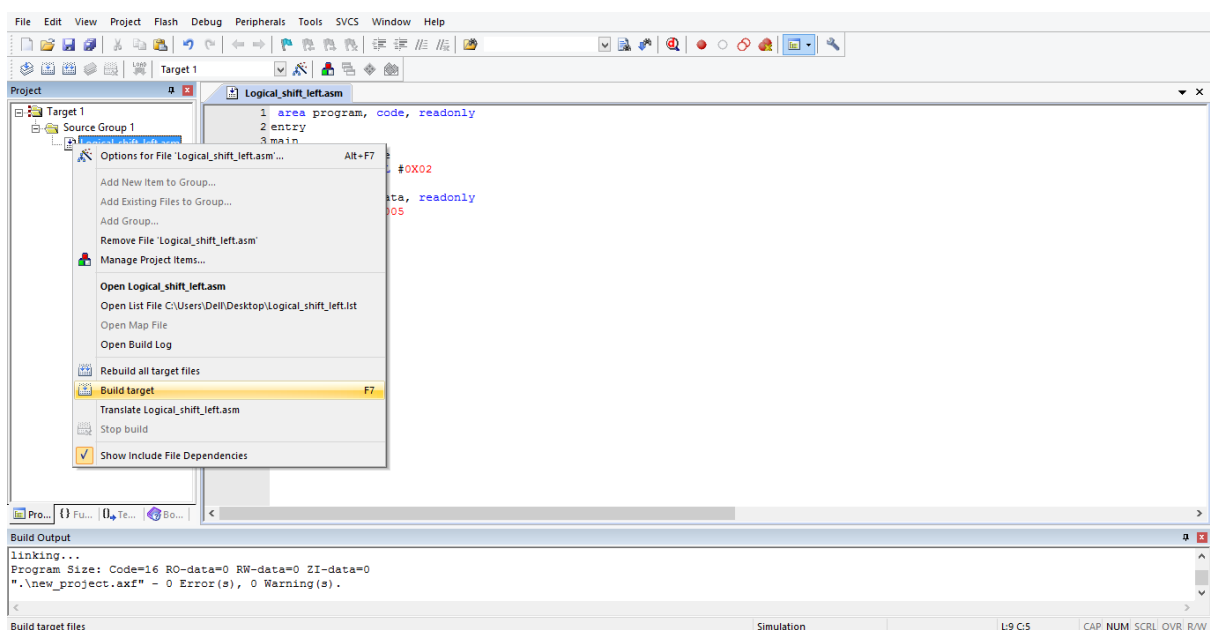
8. Save the program from File -> Save with extension .asm



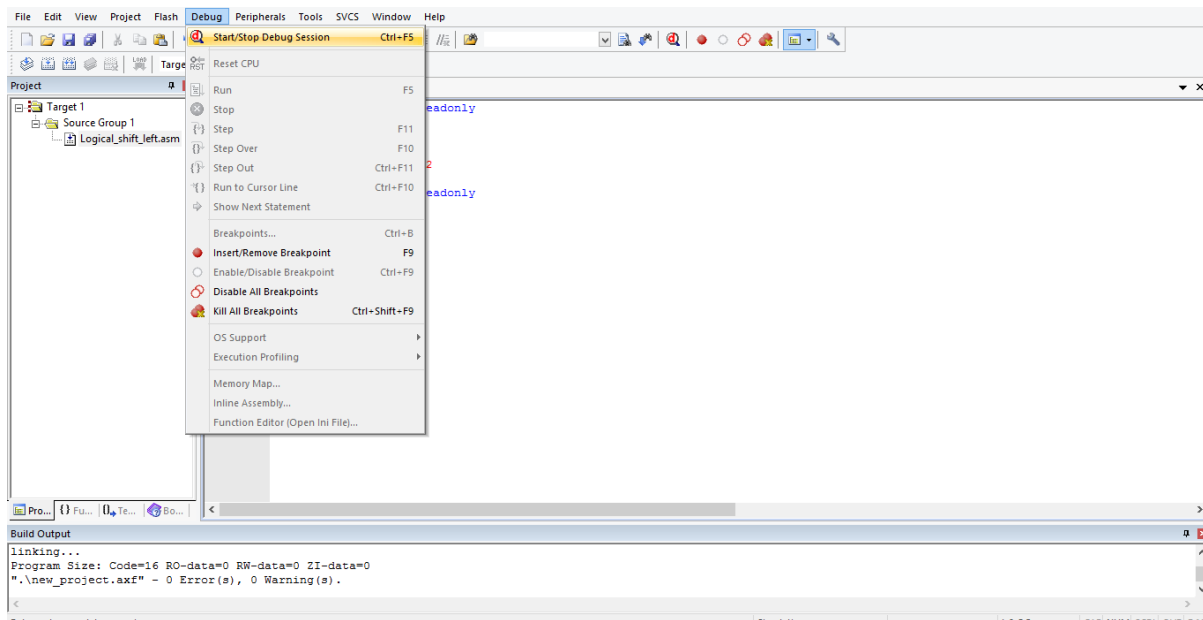
9. Right click on 'Source Group 1' under 'Target 1' and select 'Add Existing Files to Source Group 1'.



10. Right click on your file name under 'Source Group 1' and select 'Build Target'.



11. Click on 'Debug' option from the main bar and select 'Start/Stop'.



12. Now the code will execute, click line by line execution or keep pressing 'F1' until code reaches interrupt.

