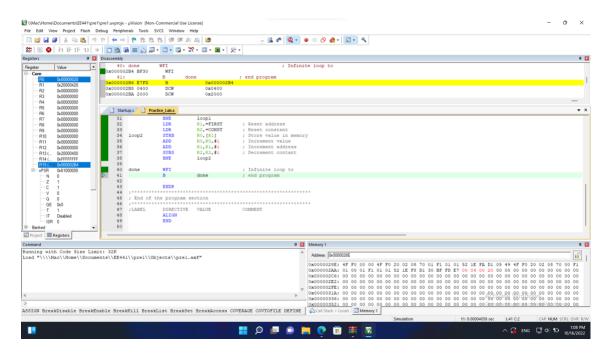
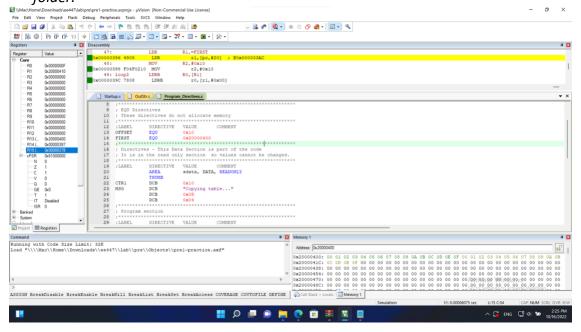
EE 447 Introduction to Microprocessors Preliminary Work – 1

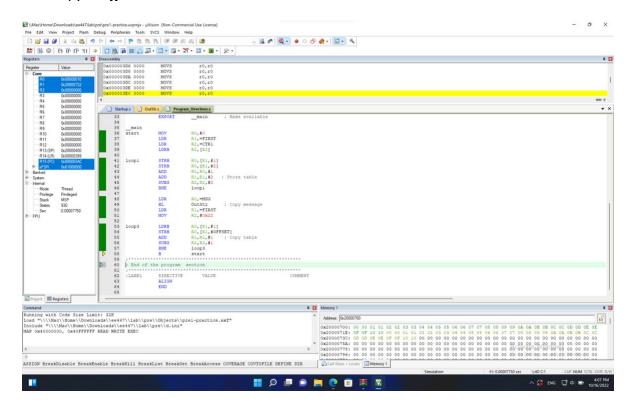
1) Build, run and understand Practice Lab.s



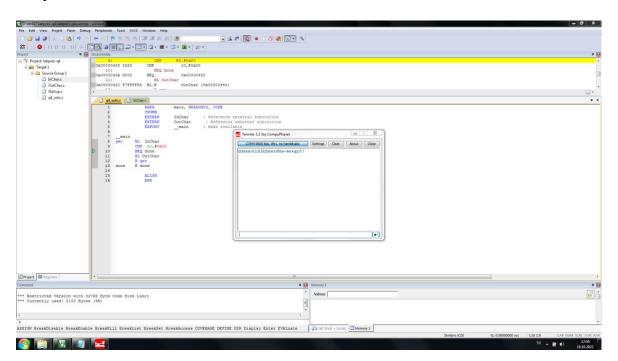
2) Build, run and understand Program Directives.s. You have to add OutStr.s to your project folder.



3) Make the following modifications on Program Directives.s. This time you will create and copy a different table.



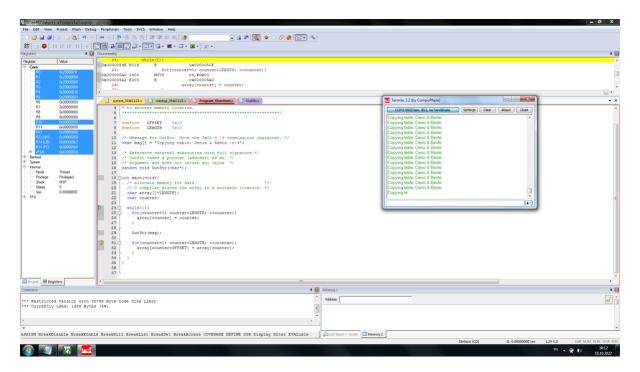
4) Write the program given in 1.10. You will have to add InChar.s, OutChar.s to your project folder.



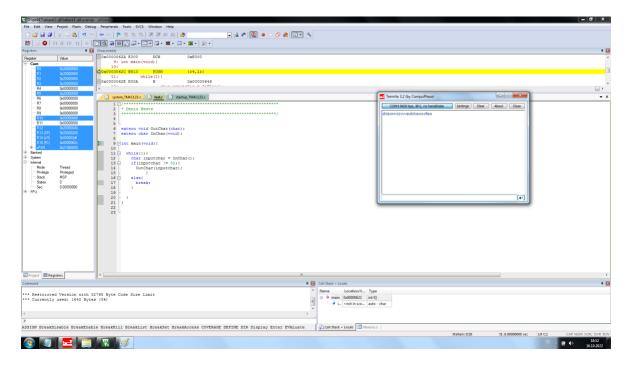
Program Code for Part 4

```
main, READONLY, CODE
    AREA
      THUMB
                        ; Reference external subroutine
      EXTERN
               InChar
               OutChar ; Reference external subroutine
      EXTERN
               ___main
                       ; Make available
      EXPORT
__main
get BL
             InChar
             CMP
                   R0,#0x20
             BEQ done
             BL OutChar
             B get
done B done
      ALIGN
      END
```

5) Build, run and understand Program Directives.c. You have to add OutStr.s to your project.



6) Rewrite the program given in 1.10 in C language. You will have to add InChar.s, OutChar.s to your project.



C Code for Part 6