Readelf for learn-in-depth.elf and check entry point

```
🔖 MINGW64:/c/Users/sam20/OneDrive/سطح المكتب/MESC/code/Mastering_Embedded_System_Diploma/Unit 3_Embedded_C/Lesson 2/Lab_1
AHMED OSAMAGMSI MINGW64 ~/OneDrive/سطح المكتب MESC/code/Mastering_Embedded_System_Diploma/Unit 3_Embedded_C/Lesson 2/Lab_1 (main)
$ arm-none-eabi-readelf.exe -a learn-in-depth.elf
 Magic: 7f 45 4c 46 01 01 01 00 00 00 00 00 00 00 00
                                         ELF32
2's complement, little endian
1 (current)
  Class:
  Data:
  Version:
                                          UNIX - System V
  ABI Version:
                                          EXEC (Executable file)
  Type:
 Entry point address:
  Start of program headers:
Start of section headers:
                                           52 (bytes into file)
33224 (bytes into file)
                                           0x5000002, has entry point, Version5 EABI
  Size of this header:
  Size of program headers:
Number of program headers:
  Size of section headers:
                                           40 (bytes)
 Number of section headers: 9
Section header string table index: 6
 ection Headers:
                                               Type
NULL
  [Nr] Name
       .startup
                            PROGRETS
                                               00010010 008010 0000cc 00 AX 0 0 4
000100dc 0080dc 000064 00 WA 0 0 4
                            PROGRETS
       .text
                                                                               NA 0 0 4
NA 0 0 4
0 0 1
NS 0 0 1
        data
                            PROGRETS
        .ARM.attributes
                                               00000000 008140 00002e 00
                            ARM_ATTRIBUTES
                                               00000000 00816e 000011 01 MS 0
00000000 00817f 000049 00 0
00000000 008330 000190 10 8
                            PROGBITS
        .comment
        .shstrtab
                            STRTAB
                            SYMTAB
       .symtab
  [ 8] .strtab
                            STRTAB
                                               00000000 0084c0 000067 00
 here are no section groups in this file.
  ogram Headers:
                   Offset VirtAddr PhysAddr FileSiz MemSiz Flg Align 0x008000 0x00010000 0x00010000 0x000140 0x00140 RWE 0x8000
  Type
LOAD
 Section to Segment mapping:
  Segment Sections...
00 .startup .text .data
 There is no dynamic section in this file.
 There are no relocations in this file.
 There are no unwind sections in this file.
 Symbol table '.symtab' contains 25 entries:
   Num: Value Size Type Bind Vis
                                                     Ndx Name
```

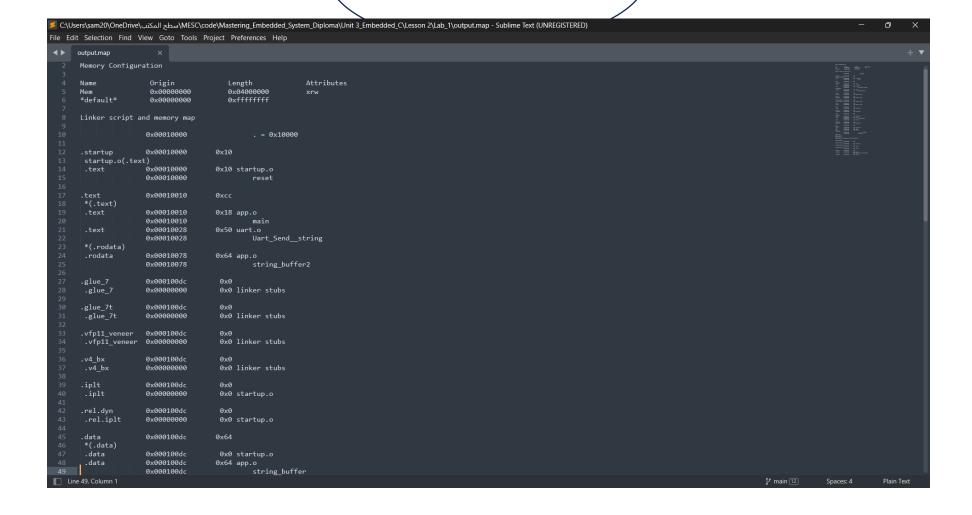
SECTIONS

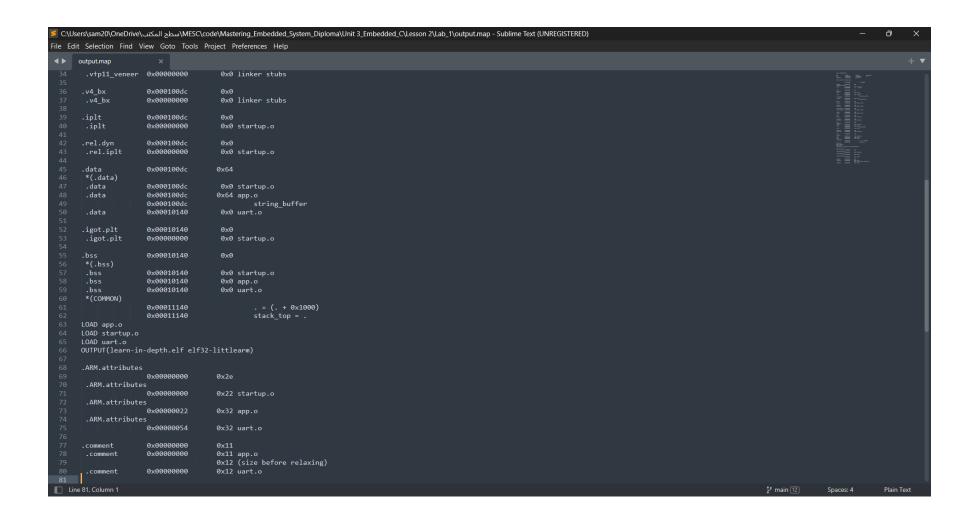
```
♦ MINGW64:/c/Users/sam20/OneDrive/سطح المكتب/MESC/code/Mastering_Embedded_System_Diploma/Unit 3_Embedded_C/Lesson 2/Lab_1
                                                                                                                                                                                                     ٥
AHMED OSAMA@MSI MINGW64 ~/OneDrive/سطح المعتبه/MESC/code/Mastering_Embedded_System_Diploma/Unit 3_Embedded_C/Lesson 2/Lab_1 (main)
$ arm-none-eabi-objdump.exe -h learn-in-depth.elf
learn-in-depth.elf: file format elf32-littlearm
 Idx Name
```

SYMBOL TABLE



MAP FILE





QEMU SW

