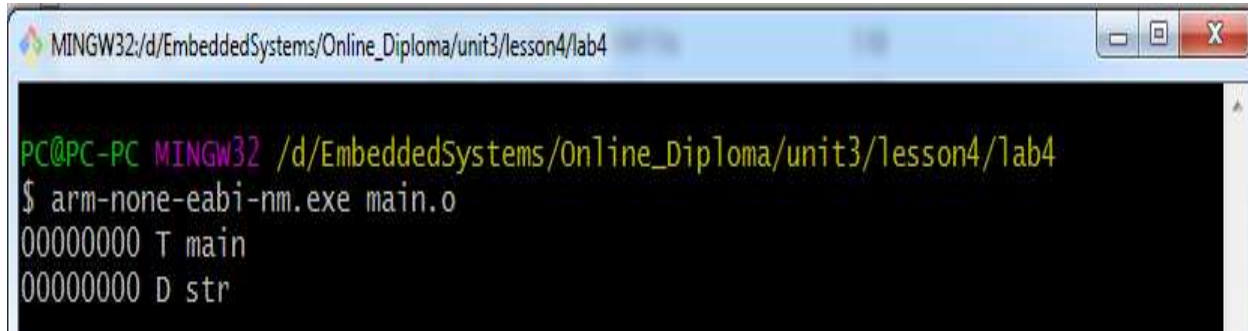


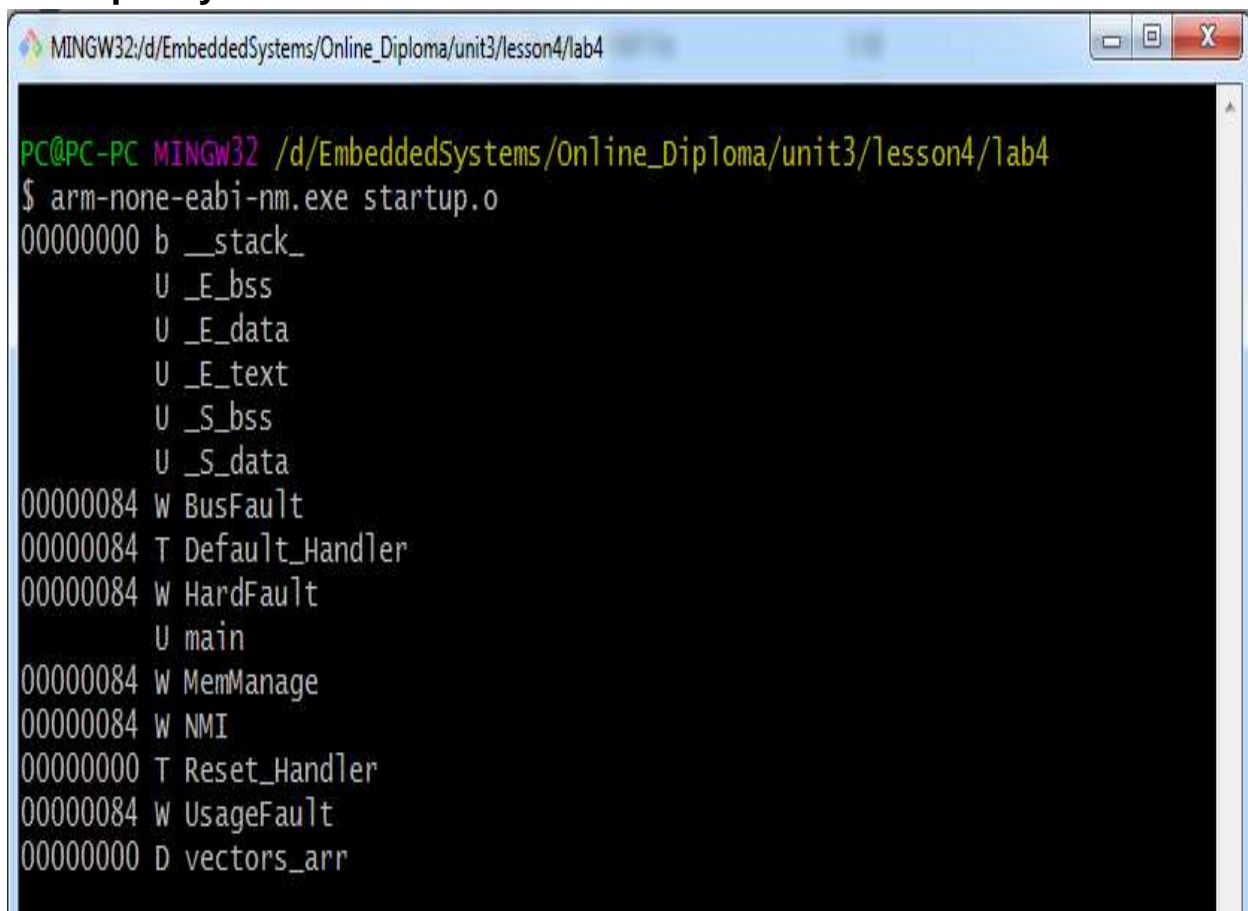
Unit3 lesson4 Assignment

main.o symbols :



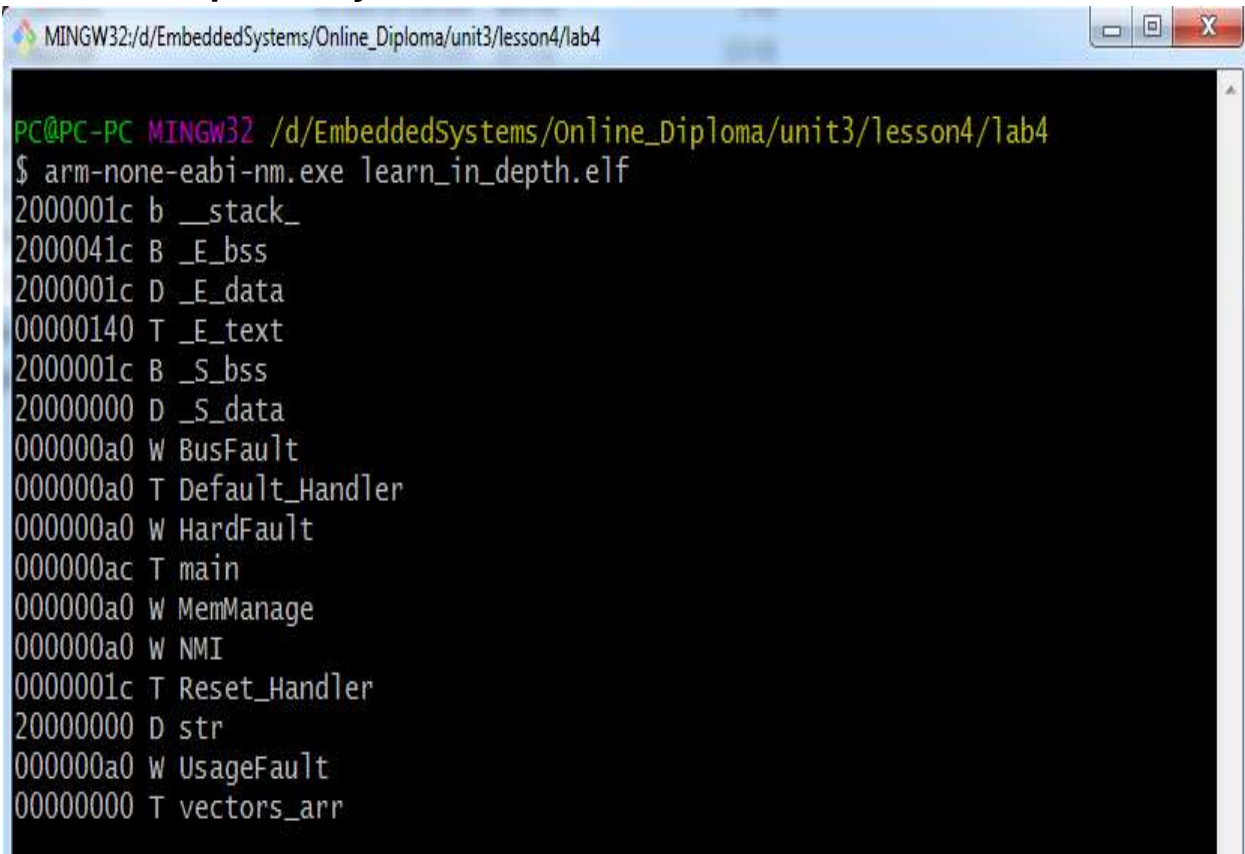
```
MINGW32:/d/EmbeddedSystems/Online_Diploma/unit3/lesson4/lab4
PC@PC-PC MINGW32 /d/EmbeddedSystems/Online_Diploma/unit3/lesson4/lab4
$ arm-none-eabi-nm.exe main.o
00000000 T main
00000000 D str
```

startup.o symbols :



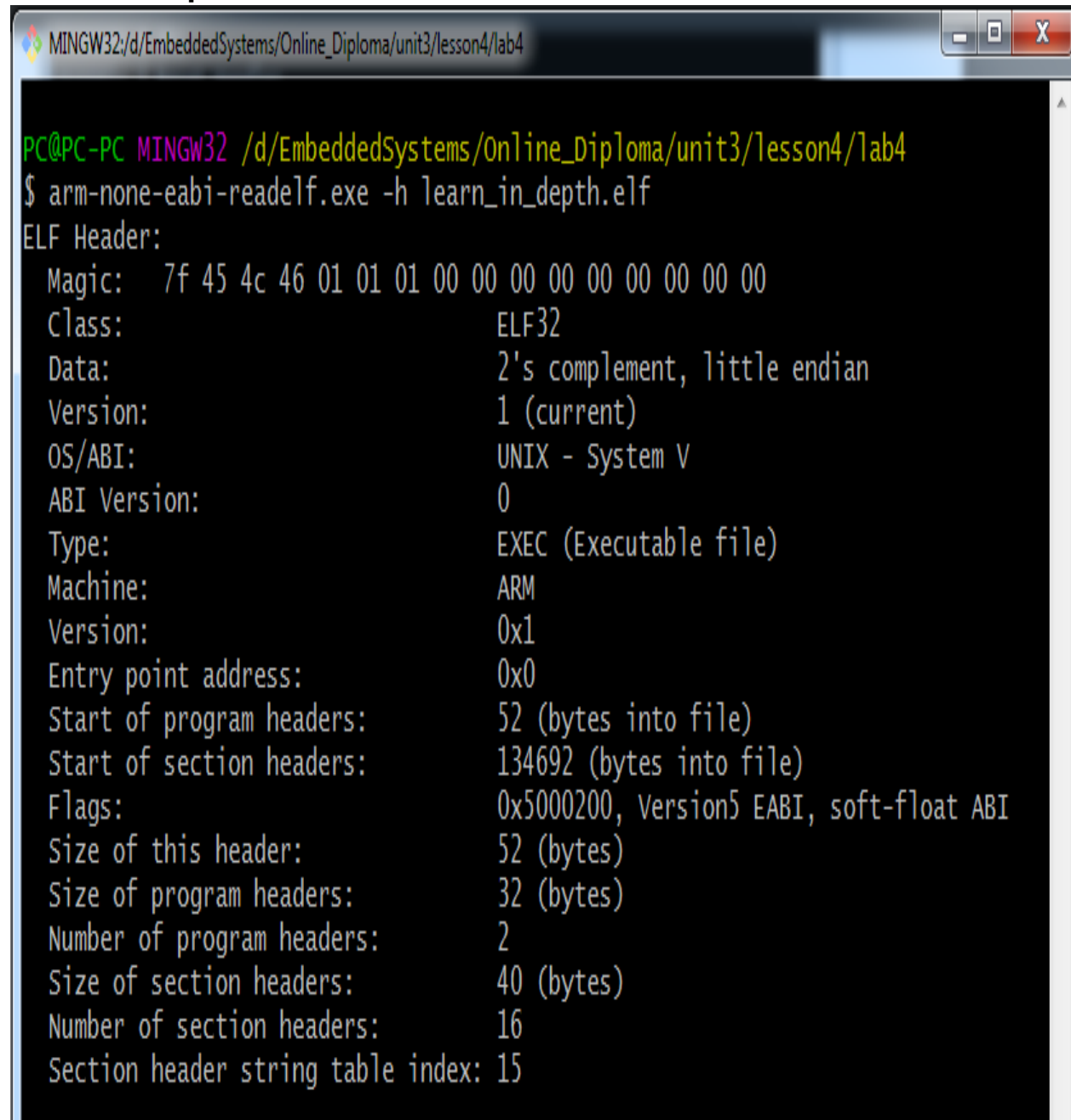
```
MINGW32:/d/EmbeddedSystems/Online_Diploma/unit3/lesson4/lab4
PC@PC-PC MINGW32 /d/EmbeddedSystems/Online_Diploma/unit3/lesson4/lab4
$ arm-none-eabi-nm.exe startup.o
00000000 b __stack_
          U __E_bss
          U __E_data
          U __E_text
          U __S_bss
          U __S_data
00000084 w BusFault
00000084 T Default_Handler
00000084 w HardFault
          U main
00000084 w MemManage
00000084 w NMI
00000000 T Reset_Handler
00000084 w UsageFault
00000000 D vectors_arr
```

learn_in_depth.elf symbols :



```
PC@PC-PC MINGW32 /d/EmbeddedSystems/Online_Diploma/unit3/lesson4/lab4
$ arm-none-eabi-nm.exe learn_in_depth.elf
2000001c b __stack_
2000041c B _E_bss
2000001c D _E_data
00000140 T _E_text
2000001c B _S_bss
20000000 D _S_data
000000a0 w BusFault
000000a0 T Default_Handler
000000a0 w HardFault
000000ac T main
000000a0 w MemManage
000000a0 w NMI
0000001c T Reset_Handler
20000000 D str
000000a0 w UsageFault
00000000 T vectors_arr
```

learn_in_depth.elf info :



```
PC@PC-PC MINGW32 /d/EmbeddedSystems/Online_Diploma/unit3/lesson4/lab4
$ arm-none-eabi-readelf.exe -h learn_in_depth.elf
ELF Header:
  Magic:   7f 45 4c 46 01 01 01 00 00 00 00 00 00 00 00
  Class:                           ELF32
  Data:                             2's complement, little endian
  Version:                          1 (current)
  OS/ABI:                           UNIX - System V
  ABI Version:                      0
  Type:                              EXEC (Executable file)
  Machine:                           ARM
  Version:                           0x1
  Entry point address:               0x0
  Start of program headers:          52 (bytes into file)
  Start of section headers:          134692 (bytes into file)
  Flags:                             0x5000200, Version5 EABI, soft-float ABI
  Size of this header:                52 (bytes)
  Size of program headers:            32 (bytes)
  Number of program headers:          2
  Size of section headers:            40 (bytes)
  Number of section headers:          16
  Section header string table index: 15
```