



salma@salma-virtual-machine: ~/Desktop/Task2

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salma@salma-virtual-machine:~/Desktop/Task2\$ gcc elfParser.c machines.c -o elfParser

salma@salma-virtual-machine:~/Desktop/Task2\$

salma@salma-virtual-machine:~/Desktop/Task2\$

salma@salma-virtual-machine:~/Desktop/Task2\$ gcc f.c -o f.o

salma@salma-virtual-machine:~/Desktop/Task2\$

salma@salma-virtual-machine:~/Desktop/Task2\$

salma@salma-virtual-machine:~/Desktop/Task2\$./elfParser f

```

ELF Header:
  Magic: 7f 45 4c 46 02 01 01 00 00 00 00 00 00 00 00
  Class:                               ELF64
  Data:                               2's complement, little endian
  Version:                           1 (current)
  OS/ABI:                             UNIX - System V
  ABI Version:                        0
  Type:                               DYN (Shared object file)
  Machine:                           AMD x86-64
  Version:                           0x1
  Entry point address:                 0x1060
  Start of program headers:            64 (bytes into file)
  Start of section headers:           13968 (bytes into file)
  Flags:                               0x0
  Size of this header:                  64 (bytes)
  Size of program headers:              56 (bytes)
  Number of program headers:            13
  Size of section headers:              64 (bytes)
  Number of section headers:            31
  Section header string table index:    30

```

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salma@salma-virtual-machine:~/Desktop/Task2\$

salma@salma-virtual-machine:~/Desktop/Task2\$ readelf -h f

```

ELF Header:
  Magic: 7f 45 4c 46 02 01 01 00 00 00 00 00 00 00 00
  Class:                               ELF64
  Data:                               2's complement, little endian
  Version:                           1 (current)
  OS/ABI:                             UNIX - System V
  ABI Version:                        0
  Type:                               DYN (Position-Independent Executable file)
  Machine:                           Advanced Micro Devices X86-64
  Version:                           0x1
  Entry point address:                 0x1060
  Start of program headers:            64 (bytes into file)
  Start of section headers:           13968 (bytes into file)
  Flags:                               0x0
  Size of this header:                  64 (bytes)
  Size of program headers:              56 (bytes)
  Number of program headers:            13

```



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Activities  Terminal  salma@salma-virtual-machine: ~/Desktop/Task2

salma@salma-virtual-machine:~/Desktop/Task2$ readelf -h f
ELF Header:
  Magic:   7f 45 4c 46 02 01 01 00 00 00 00 00 00 00 00
  Class:                                ELF64
  Data:                                      2's complement, little endian
  Version:                               1 (current)
  OS/ABI:                                UNIX - System V
  ABI Version:                           0
  Type:                                  DYN (Position-Independent Executable file)
  Machine:                               Advanced Micro Devices X86-64
  Version:                               0x1
  Entry point address:                   0x1060
  Start of program headers:              64 (bytes into file)
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