1- Symbols:

```
MINGW32:/c/Users/Adham/Desktop/lab 2
                                                                                                        Х
Adham@DESKTOP-8DM03B6 MINGW32 ~/Desktop/lab 2
$ arm-none-eabi-nm.exe app.o
00000000 D buffer
00000000 T main
             U send_string
Adham@DESKTOP-8DM03B6 MINGW32 ~/Desktop/lab 2
$ arm-none-eabi-nm.exe uart.o
00000000 T send_string
Adham@DESKTOP-8DM03B6 MINGW32 ~/Desktop/lab 2
$ arm-none-eabi-nm.exe startup.o
            U main
00000000 T reset
            U stack_top
00000008 t stop
Adham@DESKTOP-8DM03B6 MINGW32 ~/Desktop/lab 2

$ arm-none-eabi-nm.exe learn_in_depth.elf

00010078 D buffer

00010010 T main

00010000 T reset

00010028 T send_string
000110dc D stack_top
00010008 t stop
 Adham@DESKTOP-8DM03B6 MINGW32 ~/Desktop/lab 2
                                                                                                       Activate
$
```

2- Sections in each object file: