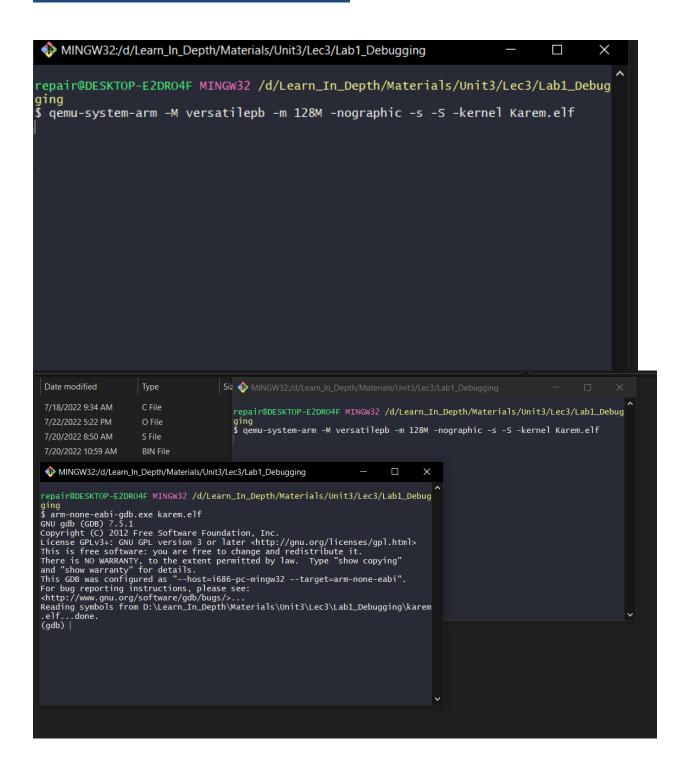
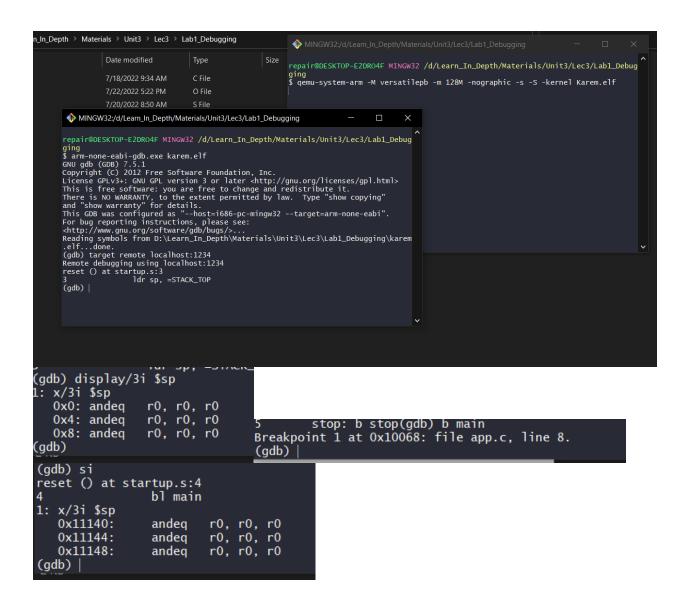
Debugging Lab1





```
(gdb) s
 Breakpoint 1, main () at app.c:8
 8
                          UART_Send_String (string_buffer);
 1: x/3i $sp
                                         r0, r0, r0
r0, r1, r8
r0, r0, r0
      0x11138:
                            andeg
                            andeq
      0x1113c:
      0x11140:
                            andeq
 (gdb)
                                                          MINGW32:/d/Learn_In_Depth/Materials/Unit3/Lec3/Lab1_Debugging
     Share
                                                                    .global reset
                                                                    reset:
                                                         ldr sp, =STACK_TOP

ld bl main

stop: b stop(gdb) b main

Breakpoint 1 at 0x10068: file app.c, line 8.
   This PC > MY WORK - ES (D:) > Learn_In_Depth 3
                    Name
                                                         Breaкpo...
(gdb) si
reset () at startup.s:4
bl main
ess
                    app.c
                    ann o
                                                         1: x/3i $sp
0x11140:
ads
             MINGW32:/d/Learn_In_Depth/Materials/U
                                                                                         r0, r0, r0
r0, r0, r0
r0, r0, r0
                                                                              andeq
nts
                                                             0x11144:
                                                                              andeq
           repair@DESKTOP-E2DRO4F MINGW32 /d/l 0x111 (gdb) s
                                                             0x11148:
                                                                              andeq
           ging
$ qemu-system-arm -M versatilepb -r
Breakpoint 1, main () at app.c:8
Learn-In-Depth : <Karem> 8 UART_Send_String (string_buffer);
                                                         1: x/3i $sp
0x11138:
                                                                                        r0, r0, r0
r0, r1, r8
r0, r0, r0
                                                                              andeq
                                                             0x1113c:
                                                                              andeq
                                                             0x11140:
                                                                              andeq
                                                         (gdb) c
Continuing.
cts
                                                                                                                            2 KB
nts
ads
```