- *Day 2 images on cross compiler*

output=

```
                          kapil@kapil-virtual-machine: ~/git_workspace/EOS/day3arm
 File  Edit  View  Search  Terminal  Help
arm-linux-gnueabi-gcc: fatal error: no input files
compilation terminated.
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ arm-linux-gnueabi-objdump-S add.o
arm-linux-gnueabi-objdump-S: command not found
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ make
make: Nothing to be done for 'all'.
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ objdump -S add.o

add.o:     file format elf64-x86-64


Disassembly of section .text:            assembly to machine code

0000000000000000 <add>:
   0:   55                      push   %rbp
   1:   48 89 e5                mov    %rsp,%rbp
   4:   89 7d ec                mov    %edi,-0x14(%rbp)
   7:   89 75 e8                mov    %esi,-0x18(%rbp)
   a:   c7 45 fc 00 00 00 00    movl   $0x0,-0x4(%rbp)
  11:   8b 55 ec                mov    -0x14(%rbp),%edx
  14:   8b 45 e8                mov    -0x18(%rbp),%eax
  17:   01 d0                   add    %edx,%eax
  19:   89 45 fc                mov    %eax,-0x4(%rbp)
  1c:   8b 45 fc                mov    -0x4(%rbp),%eax
  1f:   5d                      pop    %rbp
  20:   c3                      retq
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ arm-linux-gnueabi-gcc
arm-linux-gnueabi-gcc: fatal error: no input files
compilation terminated.
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ arm-linux-gnueabi-objdump-S add.o
arm-linux-gnueabi-objdump-S: command not found
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ ls
add.c  add.o  main.c  main.o  Makefile  probin  sub.c  sub.o
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ make
make: Nothing to be done for 'all'.
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ make clean
rm -rf *.o probin
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$
```

output=

```
                          kapil@kapil-virtual-machine: ~/git_workspace/EOS/day3arm
 File  Edit  View  Search  Terminal  Help
arm-linux-gnueabi-gcc   -c -o add.o add.c
arm-linux-gnueabi-gcc   -c -o sub.o sub.c
arm-linux-gnueabi-gcc   -o probin main.o add.o sub.o
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ file *
add.c:    ASCII text
add.o:    ELF 32-bit LSB relocatable, ARM, EABI5 version 1 (SYSV), not stripped
main.c:   C source, ASCII text
main.o:   ELF 32-bit LSB relocatable, ARM, EABI5 version 1 (SYSV), not stripped
Makefile: makefile script, ASCII text
probin:   ELF 32-bit LSB executable, ARM, EABI5 version 1 (SYSV), dynamically linked, interpreter /lib/ld-linux.so.3, for GNU/Linux 3.2.0, Bui
ldID[sha1]=fffcbd842bf1b2c46571bb81f07a3ff2ddb6c244, not stripped
sub.c:    ASCII text
sub.o:    ELF 32-bit LSB relocatable, ARM, EABI5 version 1 (SYSV), not stripped
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$ arm-linux-gnueabi-objdump -S add.o

add.o:     file format elf32-littlearm      CROSS COMPILER


Disassembly of section .text:

00000000 <add>:
   0:   e52db004        push    {fp}            ; (str fp, [sp, #-4]!)
   4:   e28db000        add     fp, sp, #0
   8:   e24dd014        sub     sp, sp, #20
   c:   e50b0010        str     r0, [fp, #-16]
  10:   e50b1014        str     r1, [fp, #-20]  ; 0xffffffec
  14:   e3a03000        mov     r3, #0
  18:   e50b3008        str     r3, [fp, #-8]
  1c:   e51b2010        ldr     r2, [fp, #-16]
  20:   e51b3014        ldr     r3, [fp, #-20]  ; 0xffffffec
  24:   e0823003        add     r3, r2, r3
  28:   e50b3008        str     r3, [fp, #-8]
  2c:   e51b3008        ldr     r3, [fp, #-8]
  30:   e1a00003        mov     r0, r3
  34:   e28bd000        add     sp, fp, #0
  38:   e49db004        pop     {fp}            ; (ldr fp, [sp], #4)
  3c:   e12fff1e        bx      lr
kapil@kapil-virtual-machine:~/git_workspace/EOS/day3arm$
```