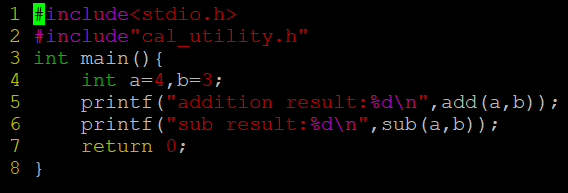
## Library Module – Shared Library

1. Create 3 files as below.
   * libapplication.c – will contain main() and will invoke functions in cal\_utility.c



* + cal\_utility.c – will contain atleast 2 or more functions [ You may add definitions of the functions in this file ]

A screen shot of a computer code

Description automatically generated

* + cal\_utility.h – will contain the extern declarations/prototypes of the functions in cal\_utility.c

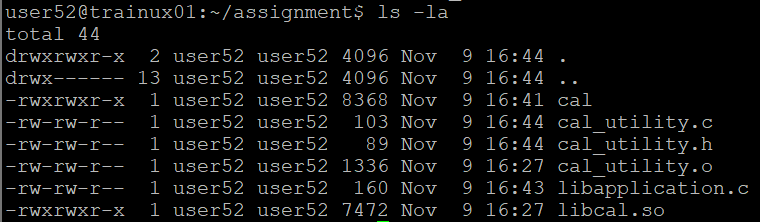
A black screen with white text

Description automatically generated

1. Refer the steps for shared library and create a shared library comprising of cal\_utility.c,.h files

Ans: gcc -FPIC -c cal\_utility.c

gcc -shared -o libcal\_utility.so cal\_utility.o



1. Create an executable using shared library.

Ans: gcc libapplication -L./ -lcal -o cal

1. Execute the application created step 3.

Ans: ./cal

Output:

