**LIBRARY MODULE – SHARED LIBRARY**

**1. Create 3 files as below.**

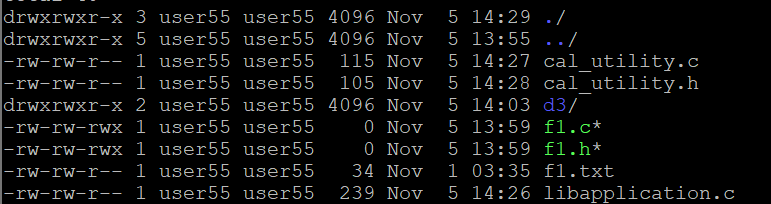
**· libapplication.c – will contain main() and will invoke functions in cal\_utility.c**

**A:** Command used---**vi libapplication.c**

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

**A:**Command used---**vi cal\_utility.c**

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

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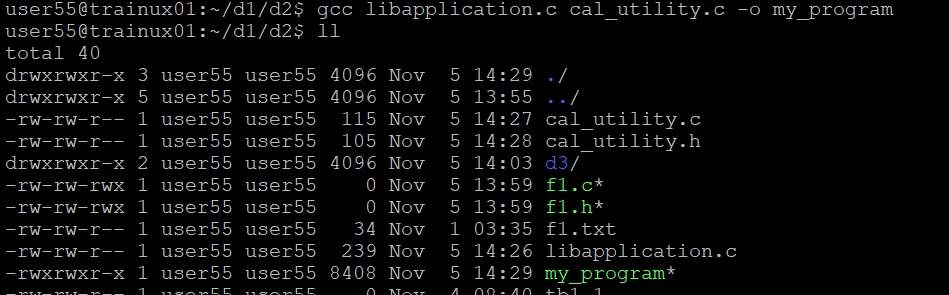
**2. Refer the steps for shared library and create a shared library comprising of cal\_utility.c,.h files**

**A:** Command used**--- gcc -c -shared cal\_utility.c -o cal\_utility.hA screen shot of a computer

Description automatically generated**

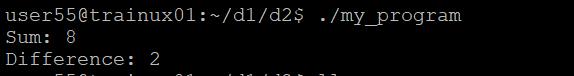
**3. Create an executable using shared library.**

**A:** Command used---- **gcc libapplication.c cal\_utility.c -o my\_program**

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**4. Execute the application created step 3.**

**A:** Command used----./**my\_program**

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