## Library Module – Static Library

1. Create 3 files as below. Let cal\_utility.c, .h files be part of the library
   * libapplication.c – will contain main() and will invoke functions in cal\_utility.c

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Description automatically generated

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

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

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1. Refer the steps for static library based application and create a static library application using above set of files.

Ans) >>gcc -c calutility.c

>>ar rcs libcalutility.a calutility.o

>>gcc -o application libapplication.c -L. -lcalutility

1. Execute the application created in step #2

Ans) >> ./application

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