## **Library Module – Static Library**

1. **Create 3 files as below. Let cal\_utility.c, .h files be part of the library**
   1. **libapplication.c – will contain main() and will invoke functions in cal\_utility.c**
   2. **cal\_utility.c – will contain atleast 2 or more functions [ You may add definitions of the functions in this file ]**
   3. A computer screen with red and white text

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

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Description automatically generated

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. A screen shot of a computer

   Description automatically generated**Execute the application created in step #2**