

```
#####
```

```
gcc -Wall -Werror -Wextra -c diff.c div.c fact.c header.h mul.c sqrt.c  
sum.c
```

```
#####
```

```
ar -rc libcalc.a *.o
```

```
ranlib libcalc.a
```

```
ar -t libcalc.a
```

```
    diff.o  
    div.o  
    fact.o  
    mul.o  
    sqrt.o  
    sum.o
```

```
#####
```

```
gcc main.c -L . -l calc -o main
```

```
#####
```

```
ldd main
```

```
    linux-vdso.so.1 (0x00007ffc5b5d7000)  
    libc.so.6 => /lib/x86_64-linux-gnu/libc.so.6 (0x00007f918d651000)  
    /lib64/ld-linux-x86-64.so.2 (0x00007f918d887000)
```

```
#####
```