

Hellofunc.c

```
#include<hellomake.h>
#include<stdio.h>
void myPrintHelloMake(void) {
    printf("Hello makefiles!\n");
    return;
}
```

Hellomake.c

```
#include<hellomake.h>
int main() { // call a function in another file
    myPrintHelloMake();
    return(0);
}
```

Hellomake.h

```
void myPrintHelloMake(void);
makefile
all: hellomake sample
hellomake: hellomake.c hellofunc.c
        gcc -o hellomake hellomake.c hellofunc.c -l.
sample: testmian.c test.c
        gcc -o sample testmian.c test.c -l.
```

sample.h

```
void display(void);
```

test.c

```
#include<sample.h>
#include<stdio.h>
void display()
{
    printf("hello i'm a sample file\n");
}
```

Testmain.c

```
#include<sample.h>
int main()
{
    display();
    return 0;
}
```

