

Preprocessor

```
gcc -E file.c -o file.i
```

Compiler

```
gcc -S file.i -o file.s
```

Assembler

```
gcc -c file.s -o file.o
```

Linker

```
gcc file.o -lexample -o file
```

```
#include <stdio.h>
// This is my main function
int main(void) {
    // I declare i to be equal to 2
    int i = 2;
}
```

External Library

libexample.so