

You are teaching how to compile C programs and want to share your knowledge on creating and linking object files.

You have created a file with multiple functions to apply special effects to image files.

The source code for these functions is in a file named `image.c`. You want to create an object file from this file so that it can be used in multiple projects.

You then want to use these image functions in a "superimage" project to show some examples! The source code of this example project is in `superimage.c` and the executable file is to be called `superimage`.

1 What is the necessary compilation command to create an object file `image.o` from the source file `image.c`? Type your answer in the box below.

Be sure to explicitly include the name of the output file using the `-o` option.

```
gcc -Wall -c -o image.o image.c
```

2 What is the necessary compilation command to create an object file `superimage.o` from the source file `superimage.c`? Type your answer in the box below.

Be sure to explicitly include the name of the output file using the `-o` option.

```
gcc -Wall -c -o superimage.o superimage.c
```

3 What is the necessary compilation command to link these object files together into your "superimage" project?

```
gcc -Wall -o superimage image.o superimage.o
```