Compiling a C Program

When we run gcc -Wall -g filename.c -o filename: C Source file Header file welcome.c stdio.h #includes Preprocessor Preprocessed Contents of stdio.h To tell gcc to stop here: gcc -E welcome.c > welcome.pp C Source file Contents of welcome.c Parser and Code Generator Assembly Language To tell gcc to stop here: gcc -s -Wall -g welcome.c welcome.s Assembler (as -64) Object code To tell gcc to stop here: gcc -c -Wall -g welcome.c welcome.o Standard Library libc Linker (collect2) Executable welcome