

Make - Assignment

Zilogic Systems

1. Create a C program with 3 source files. Try compiling it manually by invoking `gcc`.
2. Create a `Makefile` to build the program. Build your program through the `Makefile`. Try modifying a file, and observe which files are rebuilt.
3. Modify the `Makefile` to remove repetition of object file names. This can be done using `make` variables.
4. Write a pattern rule to create the `.o` files from `.c` files.
5. Write a phony target `clean` to remove generated files.
6. Write a Makefile that has a rule to build a file called `myfile.sorted` from `myfile.txt`. `myfile.sorted` should contain the lines from `myfile.txt` in sorted order.
7. Write a generic rule to create `.sorted` files from `.txt` files.