CC=g++

Set the compiler that will compile the c++ code

CFLAGS=-I

Setting a flag for the directory where the compile will be looking for header files

CFLAGS+=-Wall

Additionally enable all warning messages from the compiler with “Wall”

CFLAGS+=-c

Additionally compile all source files into objects without linking

AR=ar

Extract from static library

pidUtil: pidUtil.cpp

state that pidutil is a dependency on pidUtil.cpp

$(CC) $(CFLAGS) pidUtil.cpp -o pidUtil.o

References to CC and Cflags to compile pidUtil.cpp to create an output file of pidUtil.o

lib: pidUtil.o

state dependency of lib on pidUtil.o

$(AR) rcs libPidUtil.a pidUtil.o

Reference to AR to insert or replace, create an archive if non existent, add an index to archive to create a libPidUtil.a library from object file pidUtil.o

clean:

clean all files that have been created during this process

rm -f \*.o \*.a

forcibly remove all files containing .o or .a in their names

install:

cp libPidUtil.a ../.

copy libPidUtil.a file to parent directory

cp pidUtil.h ../.

copy pidUtil.h file to parent directory

all: pidUtil lib

build all targets named pidUtil when make command is ran to execute this file