emacs -nw -q main.cpp

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//main.cpp

#include <iostream>

#include "my\_math.h"

int main()

{

int x = factorial(5);

std::cout<< "Hello, factorial(5) = "<< x << std::endl;

return 0;

}

-------------------

//my\_math.h

#ifndef \_MY\_MATH\_H\_

#define \_MY\_MATH\_H\_

extern int factorial(int n);

#endif

----------------------

//my\_math.cpp

#include "my\_math.h"

int factorial(int n)

{

int f=1;

while(n>1)

{

f \*n=n;

n--;

}

return f;

}

-----------------------------

g++ -c my\_math.cpp

g++ -c main.cpp

g++ -o factorial main.o my\_math.o

-----------------------------------------------

//Makefile (use TAB)

main.o: main.cpp my\_math.h //dependencies

g++ -c main.cpp

my\_math.o: my\_math.cpp my\_math.h

g++ -c my\_math.cpp

factorial: main.o my\_math.o

g++ -o factorial main.o my\_math.o //linking command

----------------------------------------------------------------

//Makefile final(use TAB)

factorial: main.o my\_math.o //target first

g++ -o factorial main.o my\_math.o //linking command

main.o: main.cpp my\_math.h //dependencies

g++ -c main.cpp

my\_math.o: my\_math.cpp my\_math.h

g++ -c my\_math.cpp

===========================

make

mingw32-make

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cli,

libs - connectivity

-database

-manager >folders

//Makefile

LIBS=libs/connectivity libs/database libs/manager

INCLUDE\_PATH=libs/

libraries:

mkdir libraries/

for dir in $(LIBS); do \

cd $$dir