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**Challenge:** Makefile challenge

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**Submitted to:** Engineer Nayir Micheal

Output on the git Bash command prompt:

```
Randa@DESKTOP-BBJ91PF MINGW64 ~/Git projects/make-file (dev)
$ make clean
rm app.exe main.o DIO.o LCD.o ./dependencies/main.d ./dependencies/DIO.d ./dependencies/LCD.d
echo Cleaning done !
Cleaning done !

Randa@DESKTOP-BBJ91PF MINGW64 ~/Git projects/make-file (dev)
$ make all
gcc -c -I./inc ./src/main.c -o main.o
gcc -MM -I./inc ./src/main.c > ./dependencies/main.d
gcc -c -I./inc ./src/DIO.c -o DIO.o
gcc -MM -I./inc ./src/DIO.c > ./dependencies/DIO.d
gcc -c -I./inc ./src/LCD.c -o LCD.o
gcc -MM -I./inc ./src/LCD.c > ./dependencies/LCD.d
gcc main.o DIO.o LCD.o quiz.o -o app.exe
echo Linking done !
Linking done !
echo Bulding done !
Bulding done !

Randa@DESKTOP-BBJ91PF MINGW64 ~/Git projects/make-file (dev)
$ |
```

Output on the window command prompt:

```
C:\Windows\System32\cmd.exe
C:\Users\randa\Git projects\make-file>make clean
rm app.exe main.o DIO.o LCD.o ./dependencies/main.d ./dependencies/DIO.d ./dependencies/LCD.d
echo Cleaning done !
Cleaning done !

C:\Users\randa\Git projects\make-file>make all
gcc -c -I./inc ./src/main.c -o main.o
gcc -MM -I./inc ./src/main.c > ./dependencies/main.d
gcc -c -I./inc ./src/DIO.c -o DIO.o
gcc -MM -I./inc ./src/DIO.c > ./dependencies/DIO.d
gcc -c -I./inc ./src/LCD.c -o LCD.o
gcc -MM -I./inc ./src/LCD.c > ./dependencies/LCD.d
gcc main.o DIO.o LCD.o quiz.o -o app.exe
echo Linking done !
Linking done !
echo Bulding done !
Bulding done !

C:\Users\randa\Git projects\make-file>app
Please answer the following quiz
Send the answer to the following mail
nayirmicheal@gmail.com

You are at an unmarked intersection ... one way is the City of Lies and
another way is the City of Truth.
Citizens of the City of Lies always lie.
Citizens of the City of Truth always tell the truth.
A citizen of one of those cities (you don't know which) is at the intersection.
What question could you ask to them to find the way to the City of Truth?
C:\Users\randa\Git projects\make-file>
```

Quiz Solution:

Ask him in which city does he live. In both cases he will points to city of truth.