CIS2107
Computer Systems & Low-Level Programming

Lab02. Paycheck and Revenue

Hello World C Program

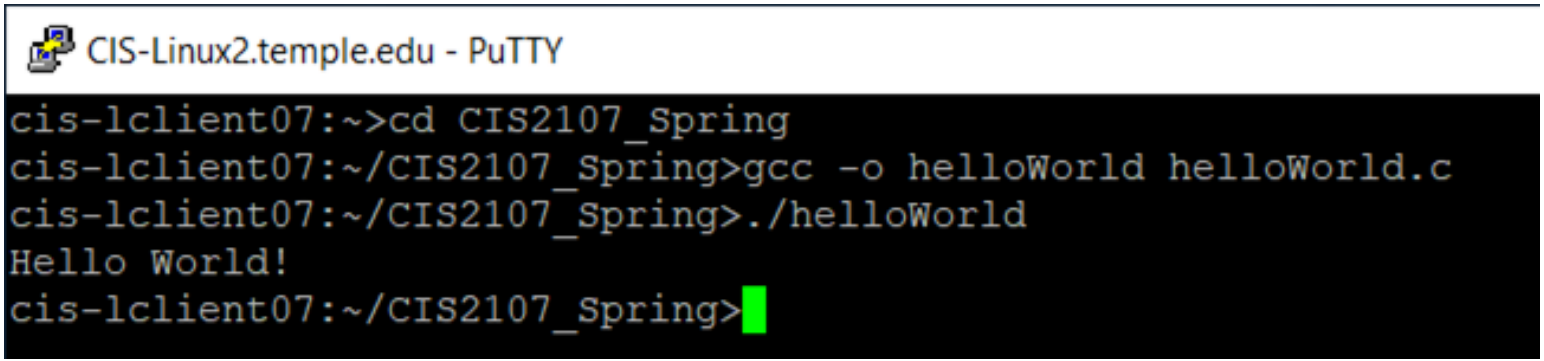
```
#include <stdio.h>

#include <stdlib.h>
```

INCLUDE THESE LIBRARIES AT TOP OF C PROGRAM

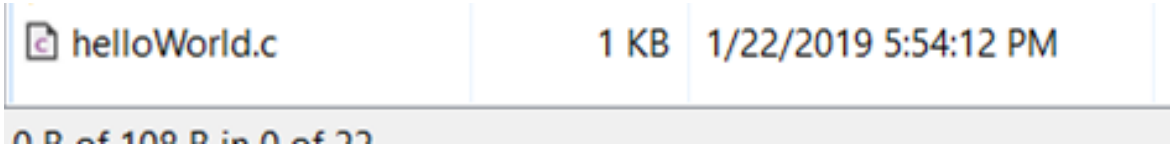
```
int main(int argc, char** argv){

     printf("Hello World!\n");

}
```

Compiling & Executing C Program in Linux

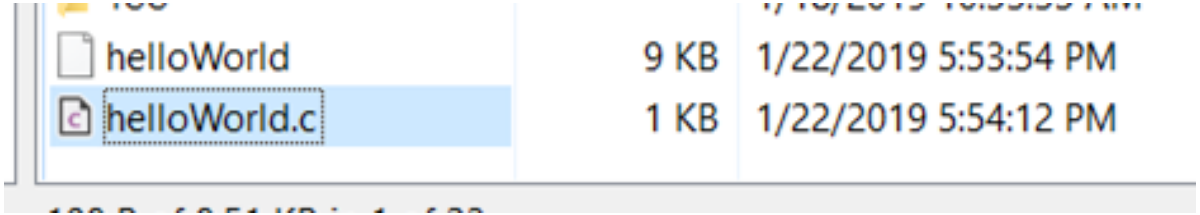
1. Navigate to the directory with the .c file using
   $ **cd directory_name** command
1. $ **gcc -o helloWorld helloWorld.c >** compiles c code and creates executable (.o) file
2. $ **./helloWorld >** runs the executable file



Before gcc -o helloWorld helloWorld.c



After gcc -o helloWorld helloWorld.c



Lab 02: Paycheck & Revenue

- ➔ **DUE: Sunday Sep 08, 11:59 PM**
- ➔ Upload 2 files (paycheck.c, revenue.c) to Canvas
  - ◆ *Test on cis-linux2 server !!!!*
- ➔ Comments at top of the file:
  - ◆ Name, Date, Course
  - ◆ Homework number (Lab 02 Paycheck / Revenue)
  - ◆ Statement of problem

Lab 2 - Checklist

- ❏ Does your program operate like the provided examples?
  - ❏ Does it have welcoming / closing messages ?
- ❏ Does your program catch invalid numerical inputs?
  - ❏ Does it catch negative numbers?
  - ❏ Does it catch 0s?
- ❏ Does your program compile and run on the cis-linux2 server?