# CIS2107
# Computer Systems & Low-Level Programming

# Lab02. Paycheck and Revenue

# Hello World C Program

```c
#include <stdio.h>

#include <stdlib.h>

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

    printf("Hello World!\n");

}
```

INCLUDE THESE LIBRARIES
AT TOP OF C PROGRAM

# 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

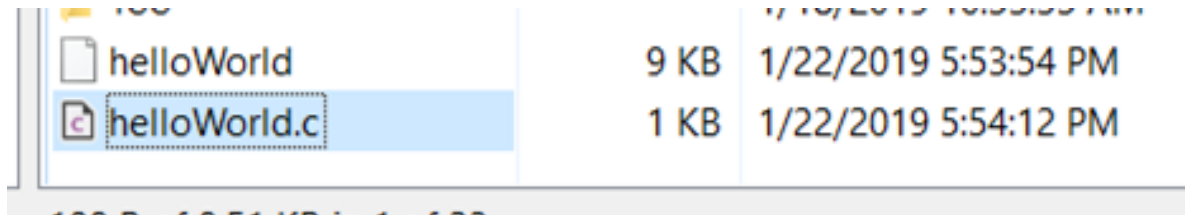2. $ **./helloWorld >** runs the executable file



```
CIS-Linux2.temple.edu - PuTTY
cis-lclient07:~>cd CIS2107_Spring
cis-lclient07:~/CIS2107_Spring>gcc -o helloWorld helloWorld.c
cis-lclient07:~/CIS2107_Spring>./helloWorld
Hello World!
cis-lclient07:~/CIS2107_Spring>
```

# Before gcc -o helloWorld helloWorld.c

| | | |
|---|---|---|
| helloWorld.c | 1 KB | 1/22/2019 5:54:12 PM |

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# After gcc -o helloWorld helloWorld.c

| | | |
|---|---|---|
| | | 1/10/2019 10:33:35 AM |
| helloWorld | 9 KB | 1/22/2019 5:53:54 PM |
| helloWorld.c | 1 KB | 1/22/2019 5:54:12 PM |

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# Lab 02: Paycheck & Revenue

➔ 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?