



# Lab 1

Helpful Tips

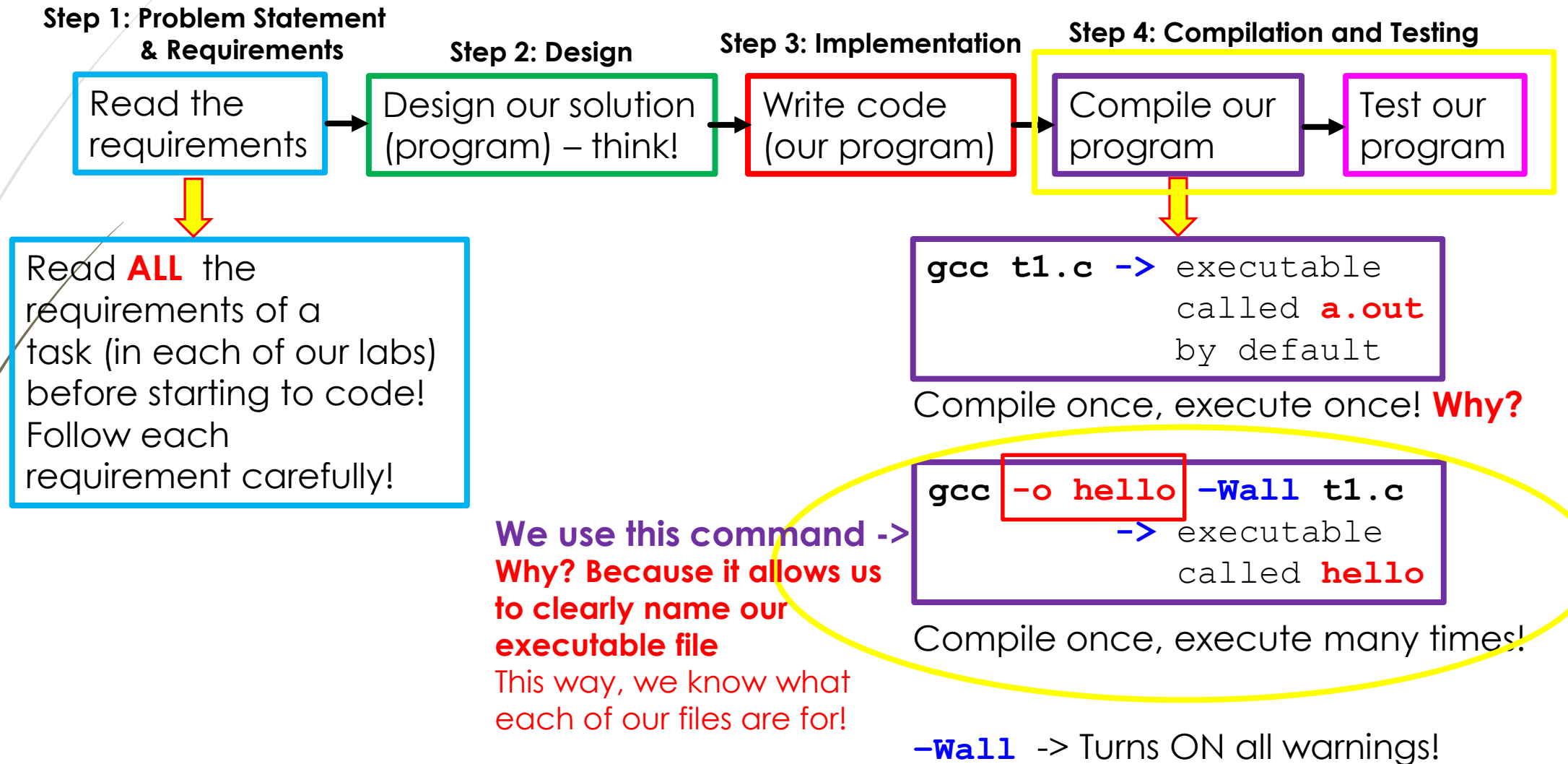
# Welcome to Lab 1!

- Lab 1 is long (> 3 hours)
  - You will need to finish it outside your lab session
- Do not skip ahead to the tasks!
- **Read everything!**

## For all labs – all tasks:

- Always start your lab
  - **by remotely logging into CSIL**
  - by `cd` to from **your local repo directory**:  
`sfuhome/cmpt-127/cmpt127-1211-your_username`

# In CMPT 127 we shall learn: Software development process



# A Few Helpful Tips for some Lab 1 Tasks

- **In general, tasks of Lab 1** build on each other
  - When doing a task, ask yourself: what code construct can I recycle from the previous task?
- **Be aware: Task 5** and **Task 7** - Input and output interleaved on the monitor screen
- **Task 6** – There is a trick that allows us to properly initialize variables `max` and `min`
  - Trick: Initialize `max` to the smallest possible value the input can have and `min` to the largest possible value the input can have
- Read **Task 9's** Guide carefully - Also see Task 9 Clarification

# C Functions

## For all labs – all tasks:

- Get in the habit of looking up C functions (introduced in labs) on the Internet
  - Look for:
    - Purpose of the function
    - Parameters (numbers, data types and order) of the function
    - Returned value of the function
    - For example, what does it mean when `scanf(...)` returns a number that is ...

> 0? -> ???

0? -> ???

< 0? -> ???

for you  
to answer