

CIS*1500 Lab 6

Introduction to Programming
TA: Alliyah Mo

Today's Lab

- A1 review
- Lab exam things
- StyleChecker!
- Git review
- Lab Exercise
- Git exercise
- Debugging practice

Make sure you book an appointment on Bucky to get your Assignment graded!

Failure to do so will result in a 0!

← Yak



Does anyone know how to switch turns in the dice game for CIS1500?

-4

5h

3 REPLIES

→ SHARE



Good luck!!!!

0

4h



Make a turn count

0

2h



Turn count where 1 is player 1, and 0 for player 2. Or whatever way you want

0

2h

Yak Back

Send

Assignment 1 Grading

1. All grading takes place in Room 001/002 in the Reynolds Building (in the basement). Your grading time will take place sometime during the hour you have selected- be ready to be graded at the beginning of the hour.
2. A TA will grade your assignment.
3. You do not need to bring your pi to the grading. The TA will grade the version of the assignment that you submitted on the course website.

Assignment One Grading Appointments

1. You may book exactly one appointment. Changes to your appointment time must be made at least 8 hours in advance.
2. Failure to book an appointment will result in a grade of zero for the assignment.
3. Failure to keep your appointment results in a 10% grade reduction. You have to rebook the appointment.
4. Failure to keep a second appointment results in an additional 10% grade reduction.
5. Failure to keep a third appointment results in a grade of zero for the assignment.

Learn your lesson!

procrastinates to the last second

am I angry at myself? **you betcha**

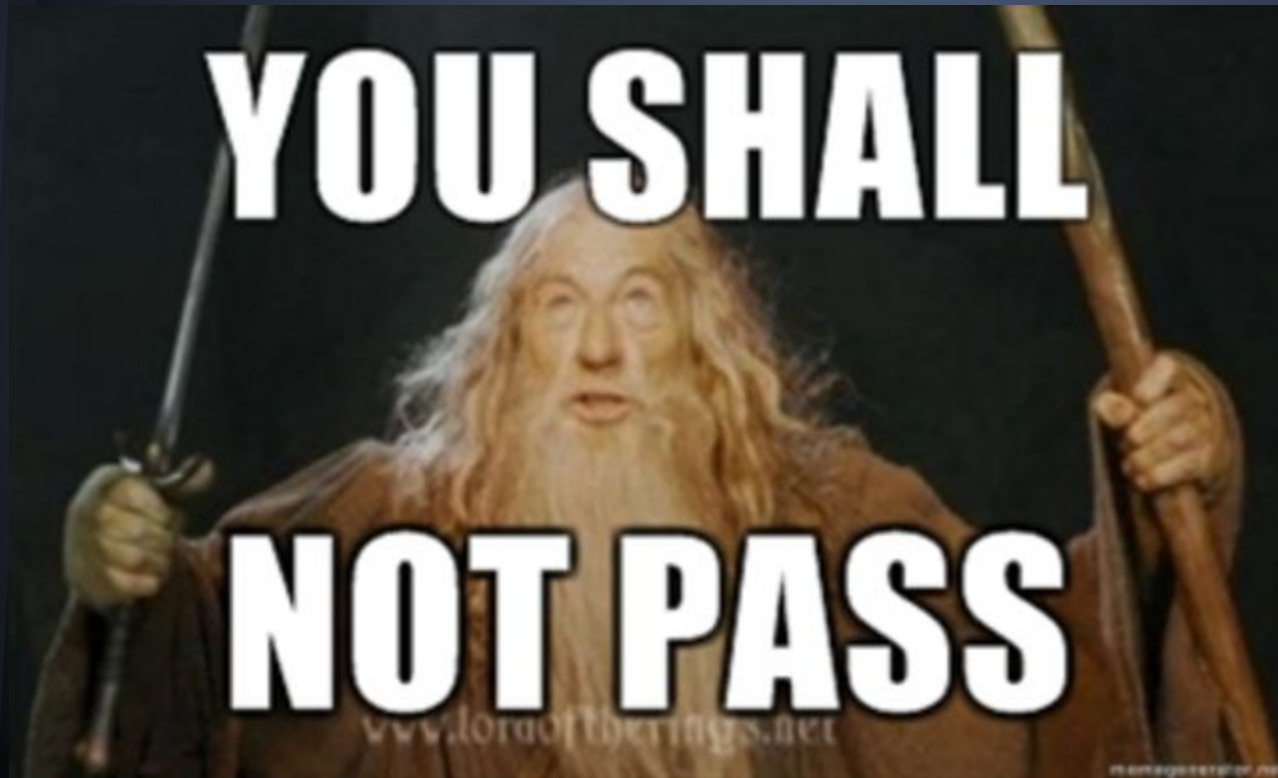
am i disappointed in my work? **absolutely**

have I learned my lesson? ***probably not***

Lab Exam! Next Week!

- Show up on time! (Try to come early)
- You are allowed one cheat sheet
 - letter sized, hand written back and front
- No access to any of your other files
- No Internet(other than Bucky) NO IDES
- No Cell phones/Laptops
- Two TAs will be monitoring you. We see everything!

IF YOU FORGET YOUR PI



REMEMBER:

- HDMI
- POWER CABLE
- Your PI
- Your Goddamn PI!

Warm-up Exercise

Create a program that will print all the even numbers from 0-100

Bonus if you're quick: Do it backwards from 100 - 0

Submit it to git!

```
git add file.c
```

```
git commit -a -m "my message here"
```

```
git push
```

In case of fire



1. `git add`



2. `git commit -m "Fire"`



3. `git push`



4. `exit building`

Stylechecker!

Open up 2 terminals, change both into the directory of your A1

type: `styleCheck`

and follow its instructions.

Use this tool to fix up the style of your A1 and future assignments! (We're not running style checker for grading this assignment) Good coding style is easy marks! (also makes your life way easier)

Build on previous lab!

Create a basic calculator. (+, -, *, /, ^,)

Allow the user to select an operation and have them enter the required inputs and then display the answer.

Hint: What data type will be more precise?

Any libraries you might need?

Allow the user to return to the menu after receiving their answer

A Waste of Time?

- create a program that prints out the times tables from 1-12 in a nice grid
- styleCheck it!
- submit to git

Style matters!

- See style guide lines
- (<https://bucky.socs.uoguelph.ca/mod/page/view.php?id=888>)
- Your assignment must follow these guidelines or you will lose marks!
- This will help your code look more readable!

More Exercises

Go onto bucky and go through

Lesson: Intro to Loops &

Lesson: Kinds of Loops &

Lesson: Program Usability

In Independent Exercises, Lab 6: Loops &

Lab 7: Input and menu-driven interfaces

Need Extra help?

- Free tutoring offered by TAs! (Book an appointment on bucky) (also see me after Lab)
- Drop-in help hours (right after your Lecture!) (11:30, 2:30 and 5:30) (Tuesday & Thursday)

All meetings will take place in room 001/002 in the basement of Reynolds.

Got a question?

- Ask me! :)
- Post on the Forums:
forum.socs.uoguelph.ca
- Email us: cis1500@soecs.uoguelph.ca

Protip: Search the forums and bucky before making a post or sending an email!

Or are you Incredibly Bored?

And looking for a Challenge? Or something new?



Come see me after lab!

Join GCC!

See bucky for SideQuests!(Also email cis*1500)

Sites To Check To Stay up to Date

Course Website: bucky.socs.uoguelph.ca

SOCS Forums: forum.socs.uoguelph.ca

Textbook: zybooks.com

Reminders!

- **Complete assigned textbook readings before 9 am Tomorrow(Tuesday)!**
- **Complete academic integrity quiz on Moodle(see bucky for instructions!)**
 - must be completed by October 10th
- **Protip: Finish assigned readings before your Lab!** (The lab will feel like a light breeze if you do that)

Final Reminders!

- Book an grading appointment on Bucky for your Assignment!
- REMEMBER YOUR PI for next week
- Protip: Review your loops...
- Also if you don't remember how to compile, put it on your cheat sheet!
- Don't miss next week's lab(Worth same amount as Assignment 1)