

COMP10001 - Sem 2 2024 - Week 2

Foundations of Computing



Daksh Agrawal

Meet your Tutor

Daksh Agrawal (he/him)

Bachelor of Science (Data Science)

Year 3

Loves: Table Tennis, Programming

Hates: Waking up Early

Future: Make Crazy Money

Why Data Science? Best way to understand the world (and good money :P)

daksh.agrawal.1@unimelb.edu.au



Meet your Peers

Name
Semester, Year, Course
Favourite Movie and Why?

What is COMP10001?

Your First Step into the Huge World of

- Computer Science
 - Algorithms, Operating Systems...
- Software Engineering
 - Building Apps, Websites...
- Data Science
 - Netflix Recommendations, Stock Price Prediction...
- Artificial Intelligence
 - ChatGPT, Self-Driving Cars...
- Robotics
 - ∘ You know it...
- Cybersecurity
 - Keeping the above safe
- And a lot...

How to do well in COMP10001?



Getting Help

- Me (Classroom or Email daksh.agrawal.1@unimelb.edu.au
- First Year Computing Centre, Level 3, Melbourne Connect (12:00 14:00)
- Grok Discussion Forum
- Grok Tutoring
- Consolidation Lectures
- Friends (subject to conditions)

What to Ask

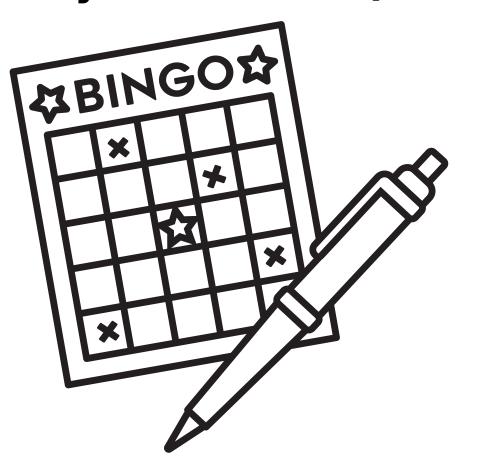
Anything

We might refuse, but doesn't hurt asking

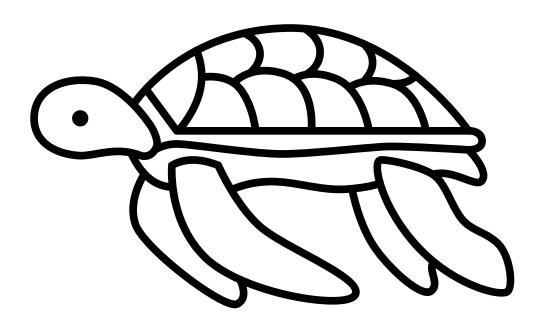
Where not to get help?

- ChatGPT
- External Tutors
- Random Websites
- Homework Help Companies

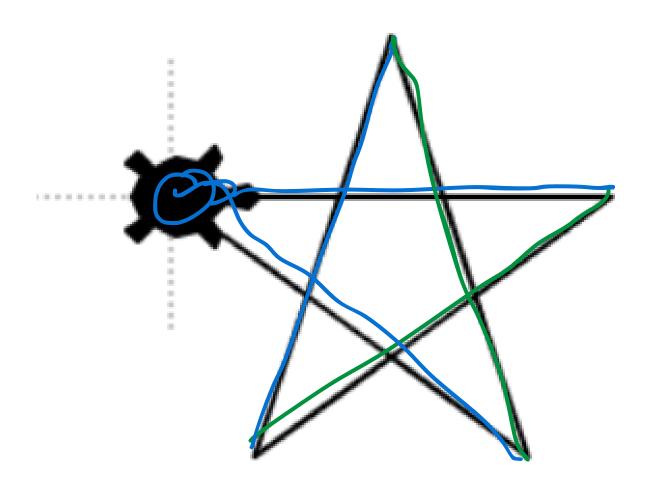
Meet your Peers (more)

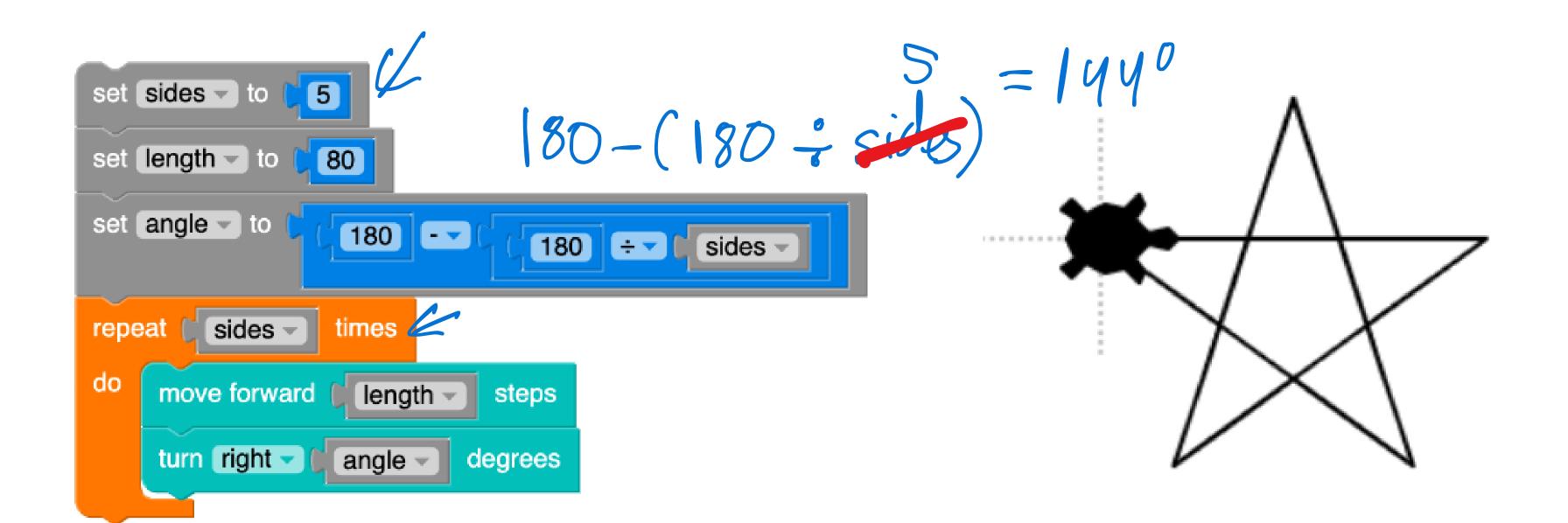


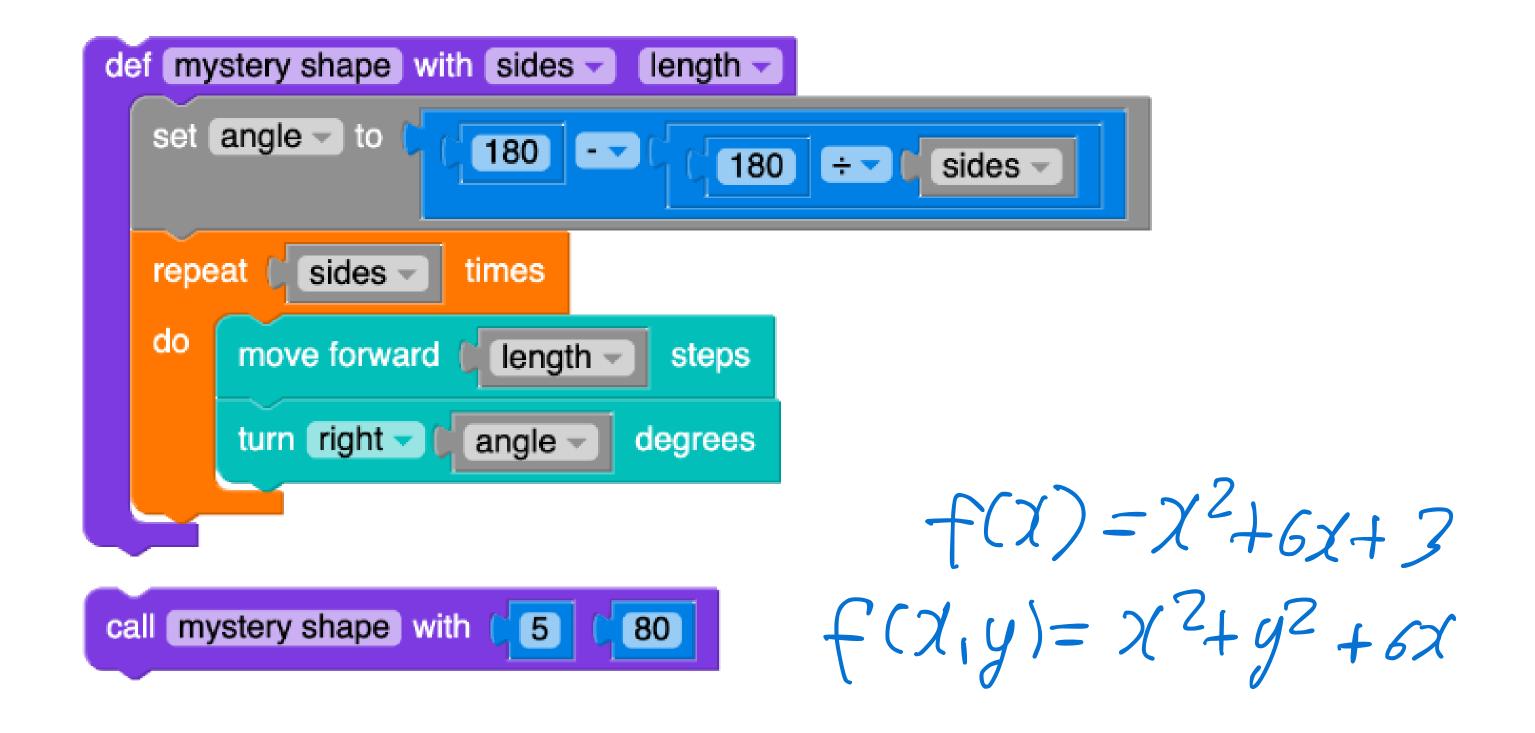
Turtle Time

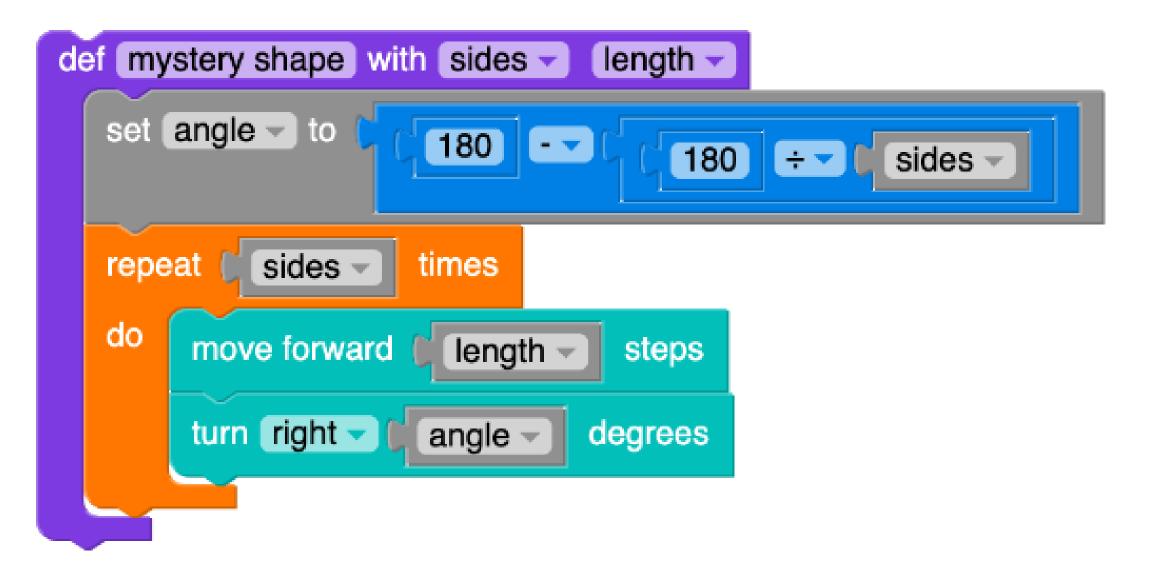




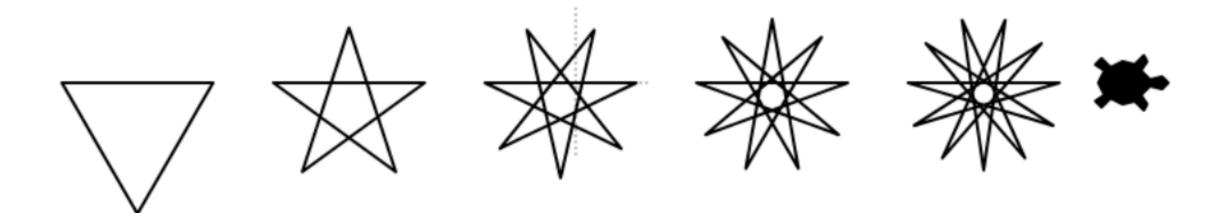








```
pen up -
              170
move backward
                    steps
pen down -
set sides ▼ to (3
repeat 5 times
    call mystery shape with
                                     50
                           sides -
    pen up 🔻
                 70
    move forward
                      steps
    pen down -
               sides - by 2
    increase -
```



Shape of You



repeat 360 times:
forward 1 step
torn right 10 Questions!