Welcome

CSCA48H3S - Introduction to Computer Science II

TUT 0006

TA: Andrew Wang

Email: andrewpy.wang@mail.utoronto.ca

Website: http://individual.utoronto.ca/andrewwang/a48/

Congratulations!!

You have survived CSCA08!!

Who Am I?

TA: Andrew Wang

Email: andrewpy.wang@mail.utoronto.ca

3rd year undergraduate

(Seriously, I'm not a high school student)

Co-op Computer Science Specialist Program, Entrepreneurship Stream

Completed 2 co-op work terms, currently on the 3rd work term

2nd year being a TA at CMS

Admin Stuff

Check your registered tutorial section (TUT 0006)

Use resources when you get stuck

- Piazza forum
- Nick's office hour: TBA

Practical Sessions:

- Mon, Wed, Fri – 4pm to 7pm @BV-471

FYI, my practical section is Fri 6pm to 7pm

Materials To Be Covered…

Stack & Queue

UML Diagrams

More OOP

Recursion

More Recursion…

… and even more Recursion…

Linked list

Trees

Program Complexity

CAUTIONS!

Don’t cheat!

Seriously, do NOT cheat!!!

Submit your work BEFORE deadline

- Auto-marker is VERY VERY picky
  - 5:00:00 pm != 5:00:01 pm
  - Ex1.py != ex1.py
  - my_function() != my_func()

ADTs

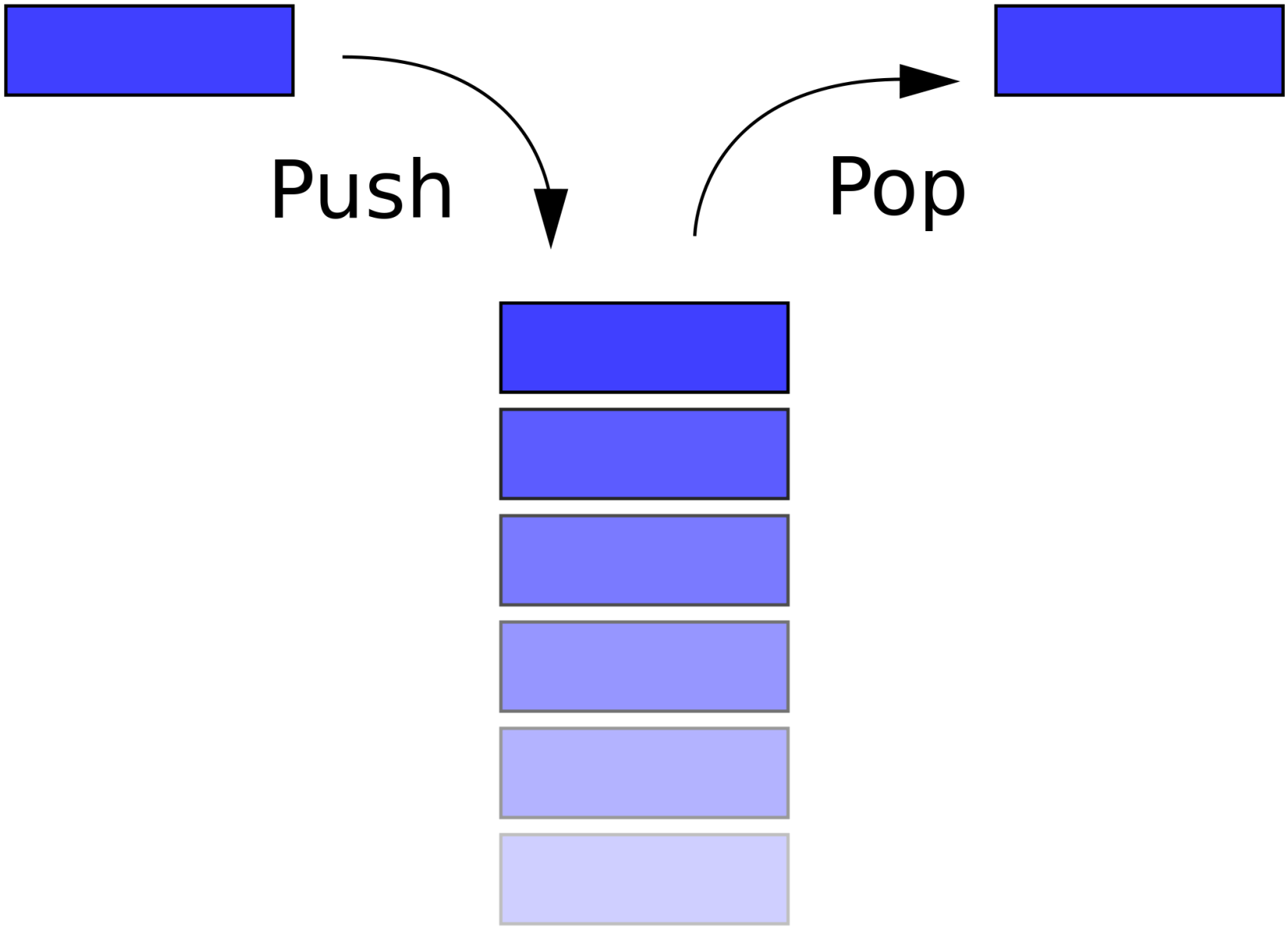
- Quick recap!
- Stack
- Queue

ADTs

Stack

ADTs

Stack
LIFO (Last In First Out)


Push
Pop

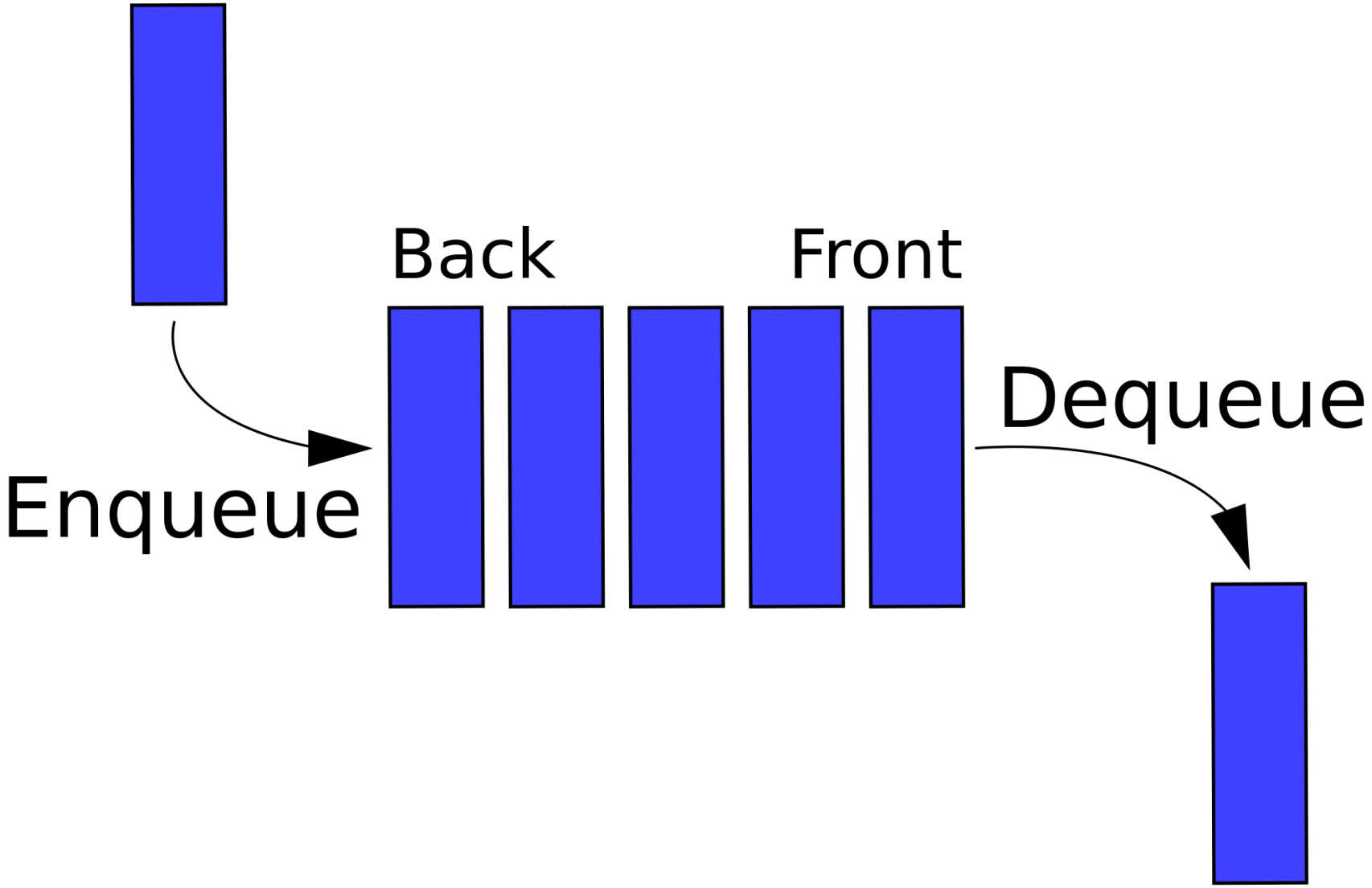
ADTs

Queue

ADTs

Queue
FIFO (First In First Out)

SAVINGS

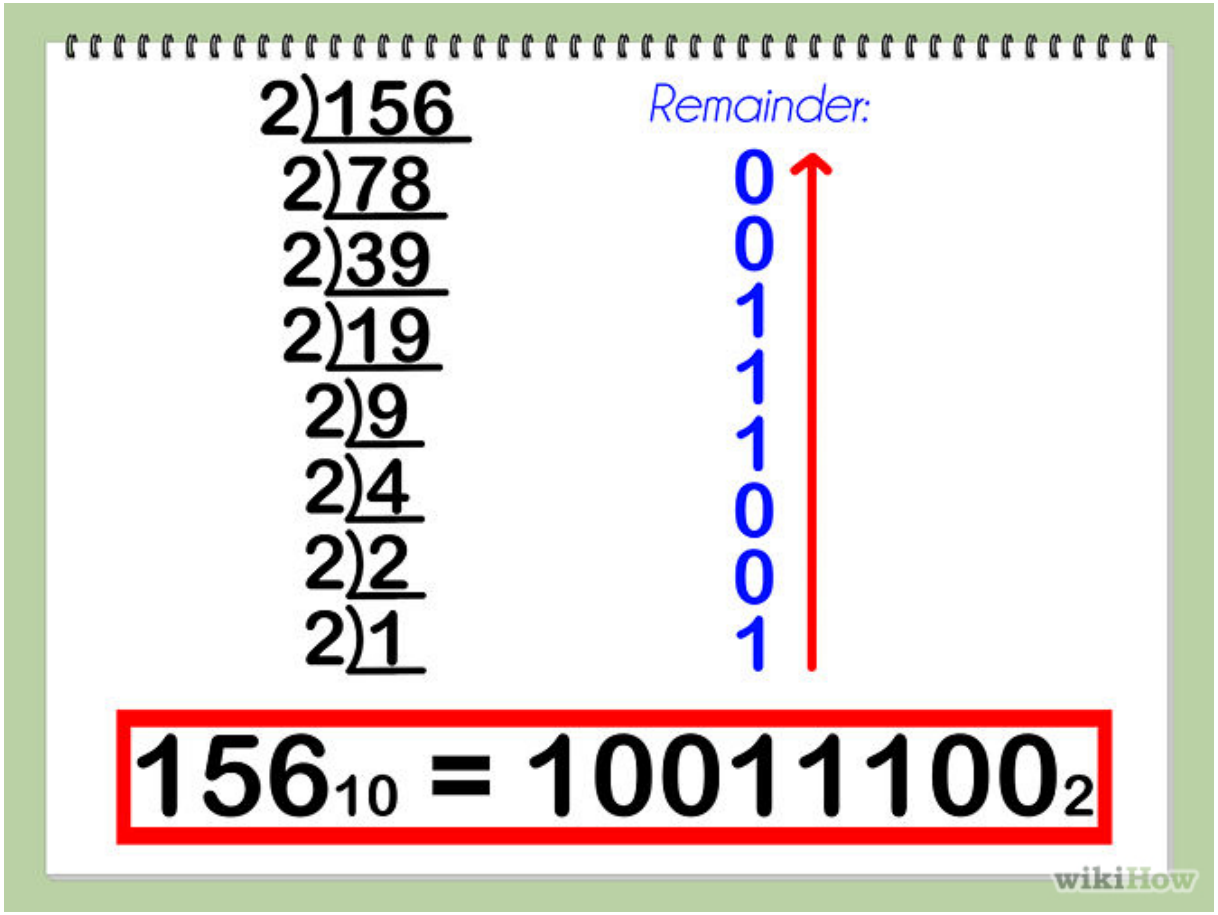

Back
Front
Enqueue
Dequeue

Let's Play Around!

Review: Decimal to Binary

Convert 156 to binary.

Review: Decimal to Binary



Reminders

Exercise 0 dues Friday @5:00pm

The automarker will be PICKY

- 5:00:01 is not 5pm, it will count it as late!
- Ex0.py is not ex0.py
- my_function() is not My_function()

Let me know if you have issues logging into MarkUs