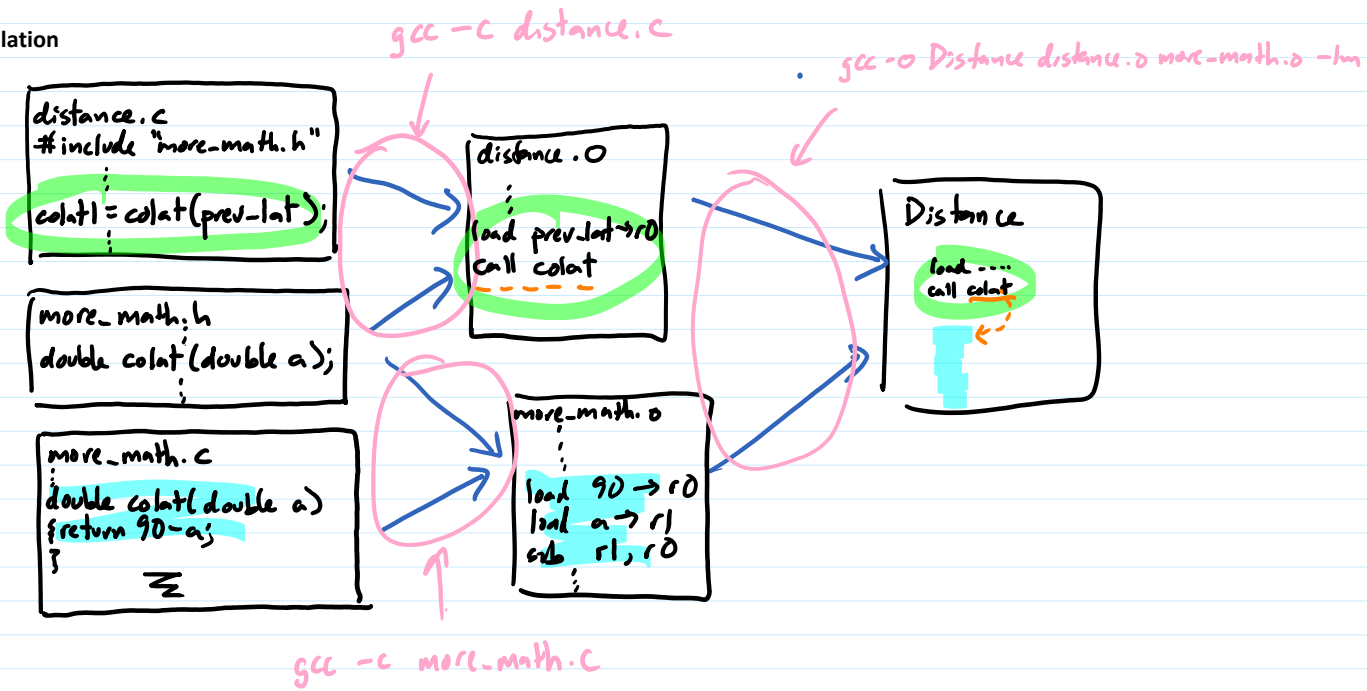


Separate Compilation

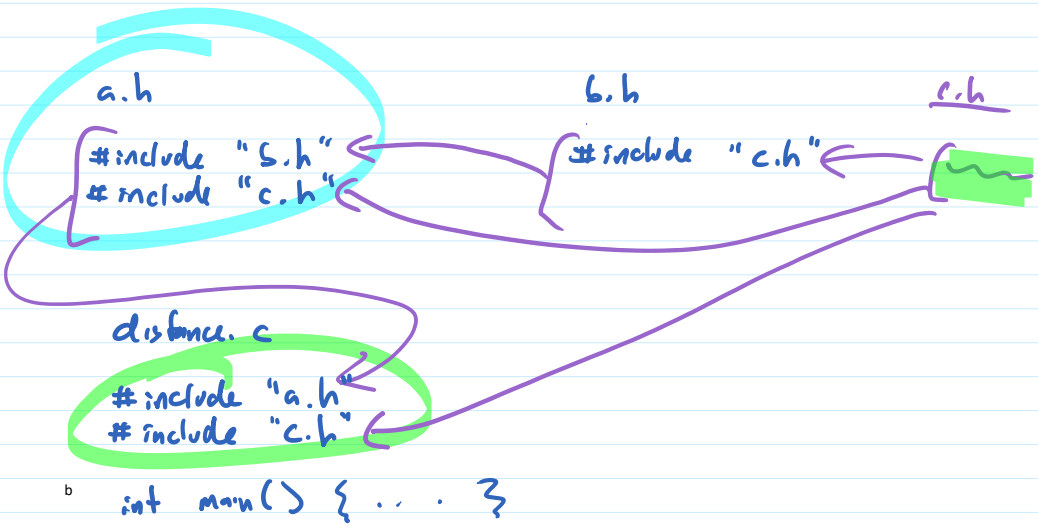


target Distance: distance.o more_math.o
 gcc -std=c99 -pedantic -Wall -g3 -o Distance distance.o more_math.o -lm

prerequisites distance.o: distance.c more_math.h
 gcc -std=c99 -pedantic -Wall -g3 -c distance.c

more_math.o: more_math.c more_math.h
 gcc -std=c99 -pedantic -Wall -g3 -c more_math.c

rules



Contents Add a description

Captions

Slides

Quizzes

Cuts

Streams

Enter a table of contents entry

Yale University
CPSC 223 - Data Structures and Programming Techniques
Fall 2020

Yale University > Department of Computer Science > James Glenn > CPSC 223

Programming Projects | Programming Exercises | Examples and Notes

Instructor: [James R. Glenn, Ph.D.](#)
Office: AKW 013
Office Phone: 1811
Office Hours: TBD
e-mail: [\[first name\].\[last name\]@yale.edu](mailto:[first name].[last name]@yale.edu)

Course Coordinator: Rob Brustad

TF and ULAs: (see Piazza for listers)

- TBD

Course Webpage: <https://zoo.cs.yale.edu/classes/cs223/2020/index.html>
Piazza Page: <https://piazza.com/yale-fall20/cpsc223/home>

Class Meeting: Lecture Tue, Thu 2:30pm - 3:45pm on Zoom (check [Yale Course Search](#) for updates)

Prerequisites: CPSC 201 or equivalent (see Canvas for instructions for submitting a code sample used to determine if your previous experience is equivalent)

Recommended References:

- [Notes on Data Structures and Programming Techniques](#) from Prof. Arnesen (also as a pdf)
- [C in a Nutshell](#) (2nd edition) by Pritza and Crawford ISBN 978-1491984756 (retail price \$69.99)
- [Learning the Data Operating System](#) (5th edition) by Peck, Tosiya, and Strang ISBN 978-0596902819 (retail price \$29.99)
- [User in a Nutshell](#) (4th edition) by Arnold Robbins ISBN 978-0596190292 (retail price \$44.95)
- [Data Structures Using C](#) by A.K. Siamas ISBN 978-8131755662 (ebook price \$70.00)

Most students use the notes from Prof. Arnesen as their primary reference. The rest are available for online reading through the Yale Library, subject to a six simultaneous user limit. You will need to use the Yale VPN to access the e-books from an off-campus network.

Other Resources:

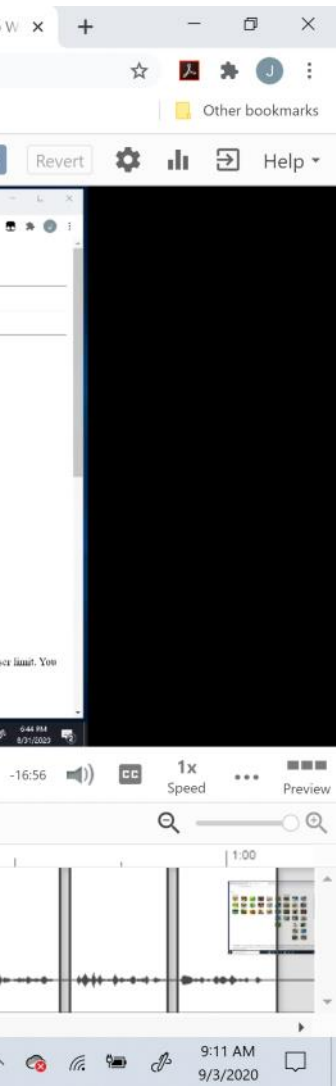
- [The C Programming Language](#) (2nd edition) by Kernighan and Ritchie ISBN 978-0133066329

0:00

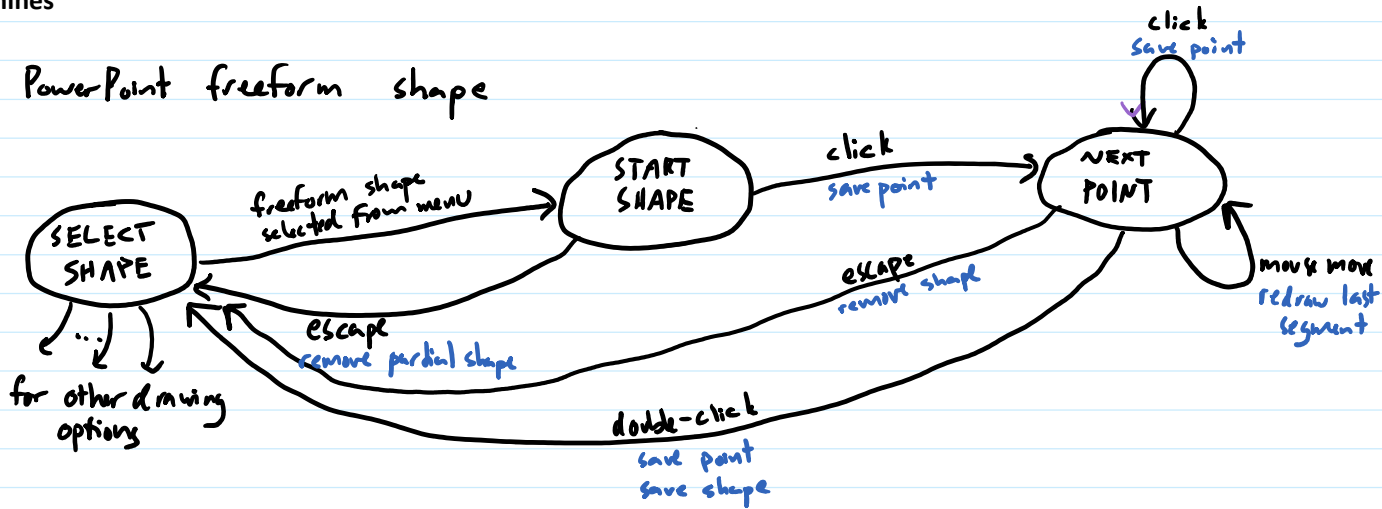
Preview cuts during playback

P1

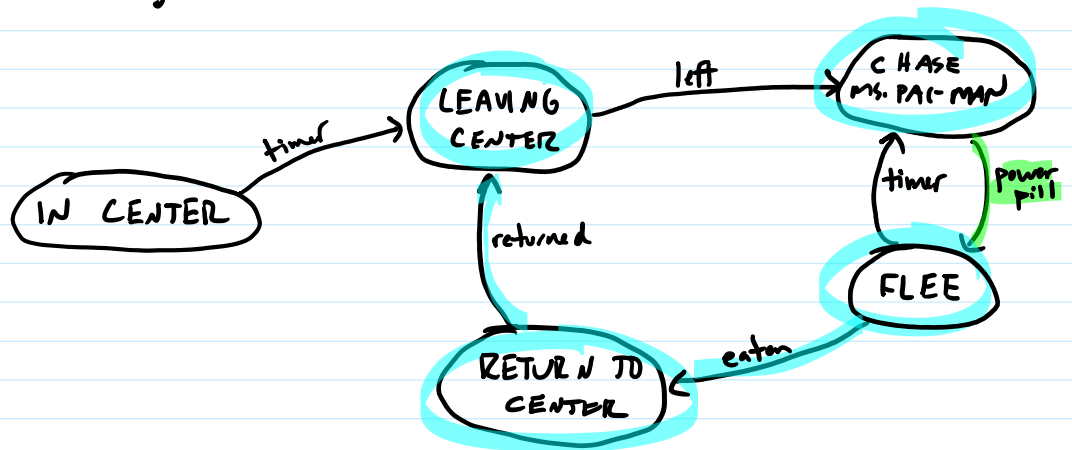
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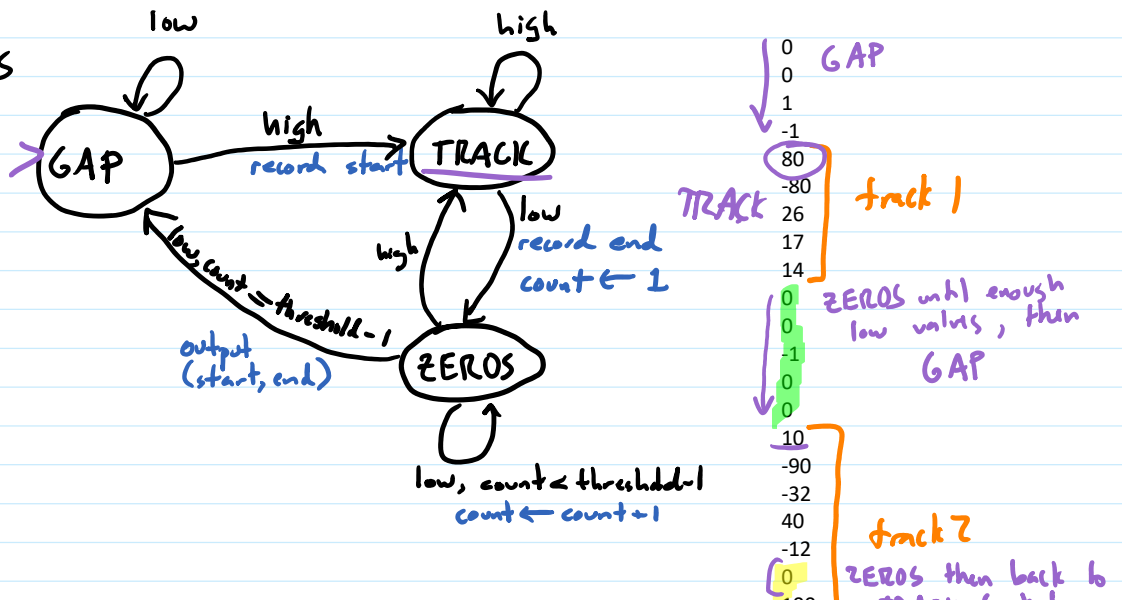
PowerPoint freeform shape



Ms. Pac-Man ghost



Splitting Tracks



count ← count + 1

40
-12
0
100
-80
0
0
0
0
0
0
0
13
:]

frack 2
ZEROS then back to
TRACK (not long
enough)

ZEROS
:]
GAP
:]
frack 3