

# 953103 Programming Logic Thinking

Introduction



# Agenda

- What will be in the course ?
- Grading criteria
- Class room agreement

# Know your lecturer

- Dr. Prompong Sugunnasil (Aj Yam)
  - Section 701
  - [P.SUGUNNASIL@GMAIL.COM](mailto:P.SUGUNNASIL@GMAIL.COM)
- Dr. Passakorn Phannachitta (Aj Kong)
  - Section 702
- Dr. Pathathai Na Lampoon (Aj Toey)
  - Section 702

# What is Logical Thinking?

- Computer is not a human
  - Can manipulate data only one thing at a time



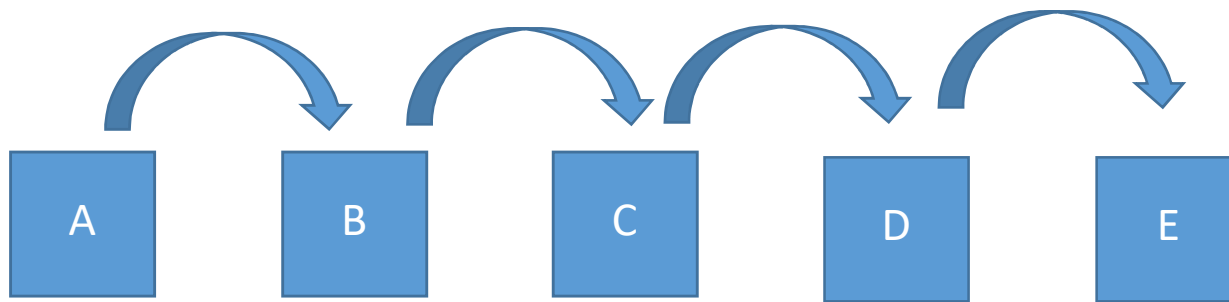
# What is Logical Thinking?

- Changing the Mind set
  - Serialize your solution
- Break down the tasks
  - Into a step of operation
- Use the computational syntax to develop a solution

# What will be inside?

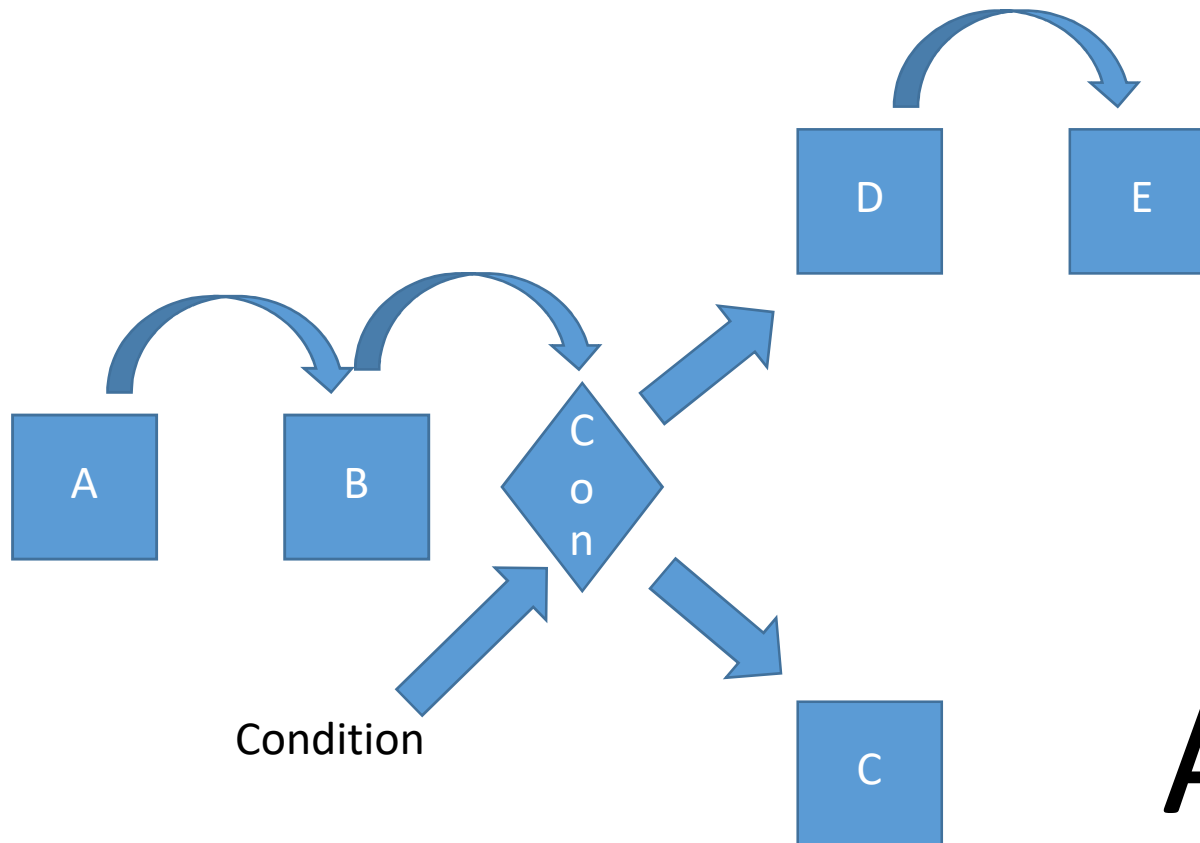
- Sequential structure
  - Do operations from the first operation till the last operation
- Selection structure
  - Select to do something depended on the decision making
- Repetitive structure
  - Repeat operations until some criteria are satisfied

# Sequential block



A B C D E

Selection block

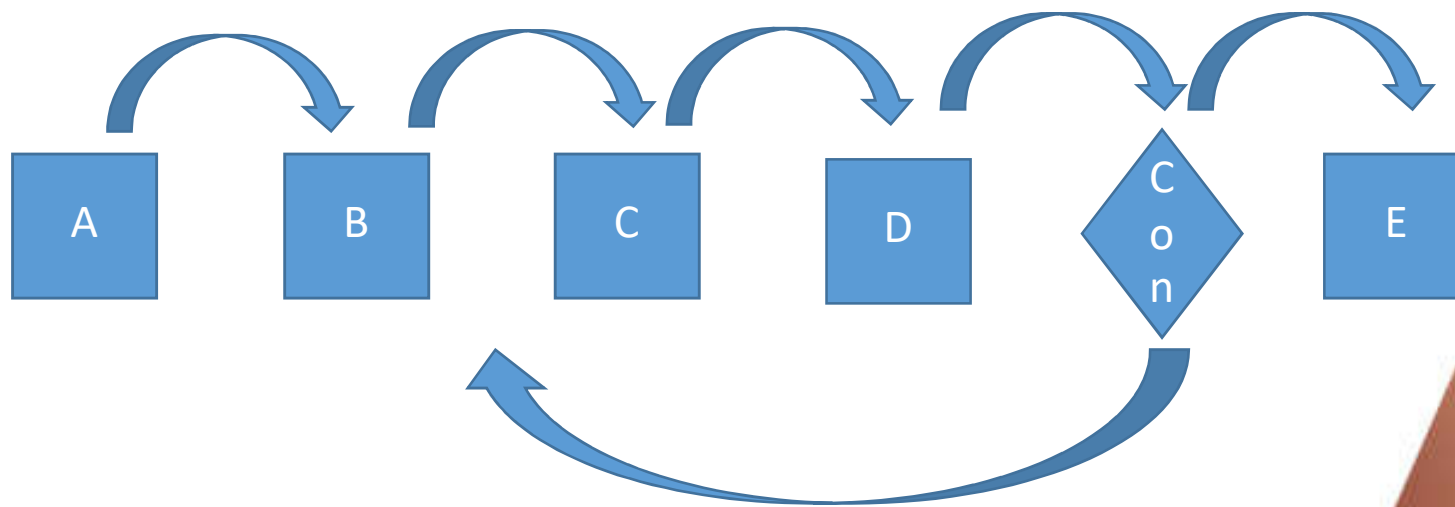


A B D E

A B C



Repetitive block



A B C D C D ... C D E

# Grading

• Lecture attendance and quizzes	
Lecture Attendance	5 %
Quiz	5 %
• Lab attendance	
Attendance	5 %
Achievement	5 %
• Assignment	5 %
• Midterm Examination	25 %
• Final Examination	30 %
• Lab Examination	10 %
• Project Assignment	10 %
• Total	100 %

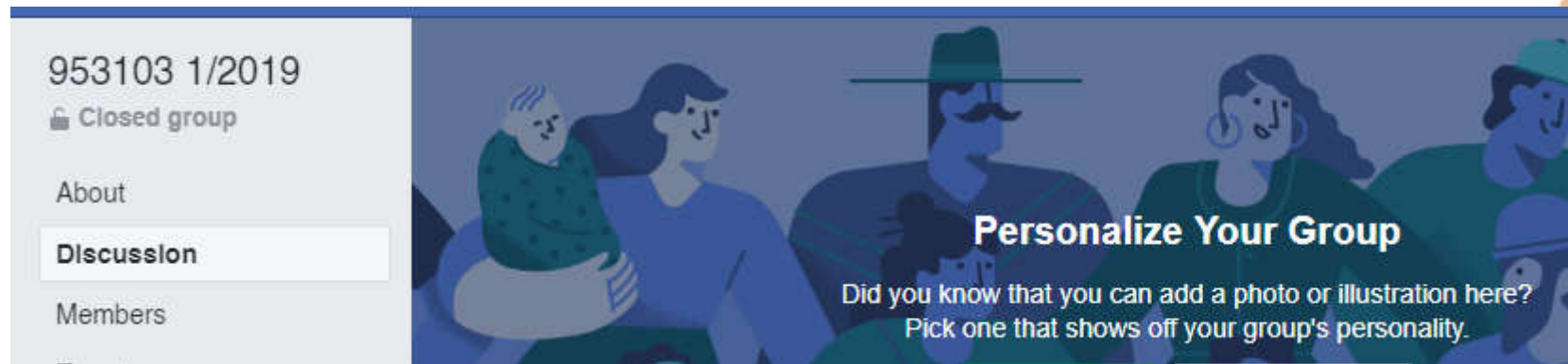
- Grading by criteria reference

# Examination Date

- Midterm Exam
  - **4<sup>th</sup> October 2019 15.30-18.30**
- Final Exam
  - **30<sup>th</sup> November 2019 08.00-11.00**

# Class Communication

- Facebook Group “ 953103 1/2019 ”
  - For announcement
  - For question and answer



# Class Material

- You can access the class materials.

[https://o365cmu-my.sharepoint.com/:f:/g/personal/prompong\\_sugunnasil\\_cmu\\_ac\\_th/EprOB05hHhREuyburzO923kBNwNAD2gBt28nKc3Q32V8hw?e=d9CcXG](https://o365cmu-my.sharepoint.com/:f:/g/personal/prompong_sugunnasil_cmu_ac_th/EprOB05hHhREuyburzO923kBNwNAD2gBt28nKc3Q32V8hw?e=d9CcXG)

# What most school don't teach...

- <https://www.youtube.com/watch?v=nKlu9yen5nc>

# Thank you

See you next week

College of Arts, Media, and Technology

