FROM IDEA TO PROGRAM.

// UPDATES.

Class materials will be updated right after class moving forward.

> Docs are for you :)

When is the Midterm ?

> Thursday, February 22, 2024
> Tuesday, February 27, 2024
> Thursday, February 29, 2024

Visual Studio 2022 - IT Fixes

// TODO.

Quick Recap

Selection Control Structures

Lab 1

ORDER OF OPERATIONS.

Order of Operations.

1. Parenthesis
2. !
3. Typecasting
4. Arithmetic
   - *, /, %
   - +, -
5. Comparison
   - Relational: <, >, <=, >=
   - Equality: ==, !=
6. Boolean: &&, ||

a	b	a && b
true	true	true
true	false	false
false	true	false
false	false	false

a	b	a || b
true	true	true
true	false	true
false	true	true
false	false	false

FROM IDEA TO PROGRAM.

"I should make myself a snack if I have bread AND peanut butter."

How do we make this a program?

Step 1) From idea to procedure

Step 2) From Procedure to Flowgorithm

Step 3) From Flowgorithm to Program

"I should make myself a snack if I have bread AND peanut butter."

"I should go outside if it is NOT raining AND if I have finished my work."

How do we make this a program?

Step 1) From idea to procedure

Step 2) From Procedure to Flowgorithm

Step 3) From Flowgorithm to Program

"I should go outside if it is NOT raining AND if I have finished my work."

"I should get a ticket if I am above the speed limit."

Make this a program.

Step 1) From idea to procedure

Step 2) From Procedure to Flowgorithm

Step 3) From Flowgorithm to Program

For those that feel confident in their Flowgorithm abilities, you can move directly to C# :)

"I should get a ticket if I am above the speed limit."