



Daffodil
International
University

Chapter – 5

Conditionals

Course Code: CIS 115 & 115 L

Course Title: Structured Programming

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Conditionals

- Sometimes, we need to make a decision based on the data we have
- If a certain condition is met, we may do thing A and otherwise thing B
- In other words, we want to structure the flow of our program to perform different actions based on the values of our variables.




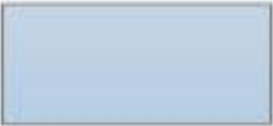

Types of conditionals

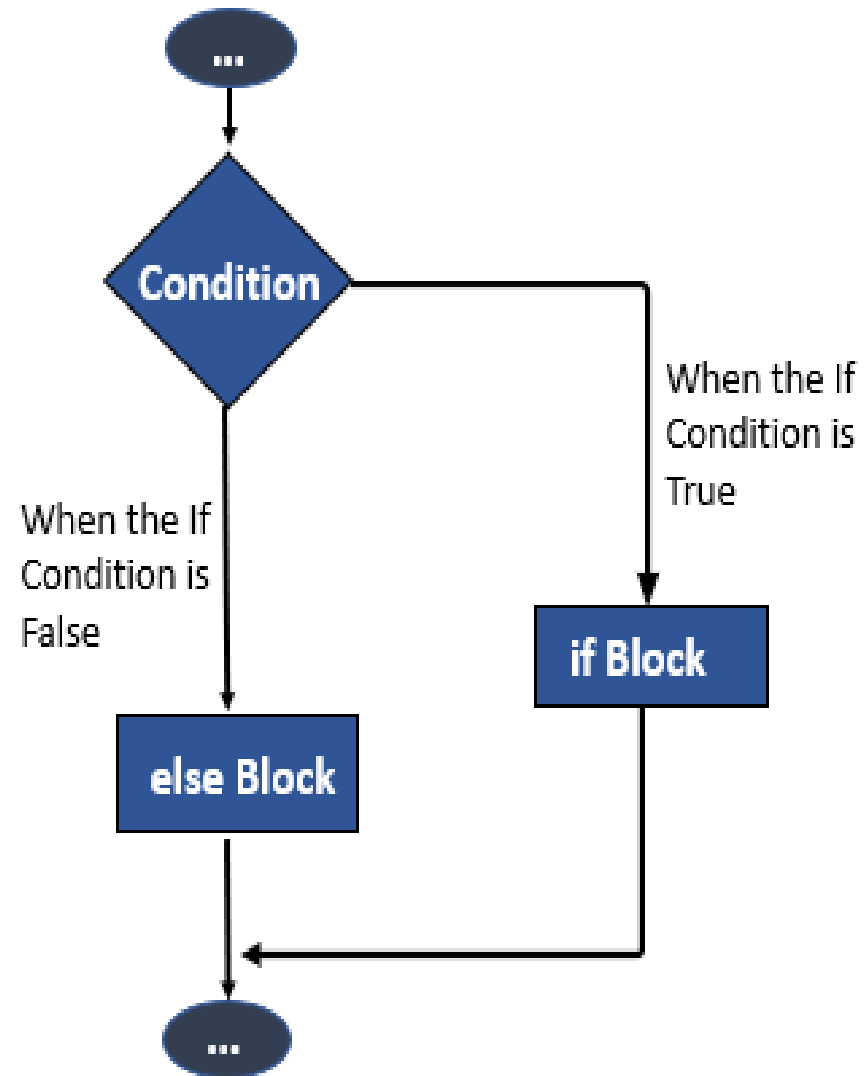
- There are three types of conditionals-
 - ❖ Simple (If-else)
 - ❖ Complex (if-elseif-else)
 - ❖ Compound (if-elseif-else with logical operators)

Implement Conditional in C

- ❑ If-else structure
- ❑ Switch case structure

Flow chart

Symbol	Name	Function
	Start/end	An oval represents a start or end point
	Arrows	A line is a connector that shows relationships between the representative shapes
	Input/Output	A parallelogram represents input or output
	Process	A rectangle represents a process
	Decision	A diamond indicates a decision



Switch case

