ASSIGNMENT-1(08-08-2023)

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DIFFERENCE BETWEEN ELSE-IF LADDER AND SWITCH CONDITIONALCONTRUCTS.

Else...If   _vs_   _switch_

	Else...If	switch
DEFINITION	Depending on the condition in the 'if' statement, 'if' and 'else' blocks are executed.	The user will decide which statement is to be executed.
Sequence Of Execution	First, the condition is checked. If the condition is true then 'if' block is executed otherwise 'else' block	It executes one case after another till the break keyword is not found, or the default statement is executed
Expression	It contains either logical or equality expression.	It contains a single expression which can be either a character or integer variable.

	Else...If	switch
Speed	If there are multiple choices implemented through 'if-else', then the speed of the execution will be slow	If we have multiple choices then the switch statement is the best option as the speed of the execution will be much higher than 'if-else'.
Readability	"else-if" can sometimes becomes less readable as number of conditions increases, as the code can become nested.	"switch" offers better readability When you have a large number of cases,as each case is clearly defined.