

DIFFERENCE BETWEEN ELSE-IF LADDER AND SWITCH CONDITIONAL CONTROL CONSTRUCTS.

ELSE-IF LADDER	SWITCH STATEMENT
<ul style="list-style-type: none">• This statement is executed based on the condition inside the if-else statement.• Here we need to use multiple statements for numerous decisions.• This statement is used to choose between two options.• If-else enforces linear search.• One statement will be executed. It can be if or else.• In if-else, the values are based on conditions.• It is tough to edit if-else statements.• The if-else statement estimates integers, characters,	<ul style="list-style-type: none">• Switch statements execute as per the user decision.• Here we need to use multiple statements for numerous decisions.• This statement is used to choose among multiple options.• Switch statement enforces binary search.• Here, each case will be executed one after the other.• In the switch case, the values are based on user preference.• It is easy to modify the switch case.• The switch statement estimates integers and character expressions.

<p>pointers, floating points, and boolean types.</p> <ul style="list-style-type: none">• Tests both logical expressions and equality.• Either the code block in the if statement is executed or the code block in the else statement.• Multiple statements for multiple decisions.• It has less flexibility• If you use 'if-else' to implement several options, the speed will be slow.	<ul style="list-style-type: none">• Tests only equality• The switch case statement performs each case until a break statement is encountered or the end of the switch statement is reached.• Single statements for multiple decisions• It has more flexibility• If we have numerous options, the switch statement is the best solution because it executes considerably faster than the 'if-else' statement.
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