Difference Between "else-if" Ladder And "Switch"

- The if-else enforces linear search.
- The switch statement enforces binary search.
- The if-else statement estimates integers, pointers, characters, floating points, boolean types.
- The switch statement estimates Integers, character expressions

Swich statement:-

- The switch statement is similar to else-if ladder statement as it provides multiple conditions. It tests the values of variable or expression against a series of different cases or values. If a match is found then the block of the code is executed otherwise default case is executed.

- **else-if ladder**: -

whether it is true or false and if the condition is true then the corresponding statements are executed. If the condition is false, it continues checking the next else if statement until condition comes to be true or control comes end of the statement.

switch Syntax: switch(expression)

{

case constant-1

Block-1;

break;

case constant-2

Block-2;

Break;

default;

}

else-if syntax:-if (condition 1)

statement 1;

else if(condition-2)

statement-2;

else

default statement;