C#

Switch Expression

What
> Switch Expression is a short-form of "switch-case", which is used to check the value of source variable; assign value into result value based on the value of source variable.

How

Switch Expression

sourceVariable switch
{
    value1 => result1,
    value2 => result2,
    ...
    _ => defaultResult
}

> The variable used in switch expression is now coming before the switch keyword.

> Colon (:) and case keyword are replaced with arrows (=>). Which makes the code more compact and readable.

> The default case is now replaced with a discard(_).

> And the body of the switch is expression, not a statement.

> 'Switch Expression' returns the result value based on the matching case.

> It is only meant for getting a specific result value; doesn't let you to write multiple statements.