**Difference between switch and if-else ladder**

* The main difference between a **switch statement** and an **if-else ladder** is that-
* A *switch* *statement* evaluates a single expression,

and then it matches the value of that expression to a specific case.

* While an *if-else ladder* evaluates multiple expressions and checks each one in turn until a match is found.
* A *switch statement* can only be used with primitive types and enumerated types.
* While an *if-else ladder* can be used with any type of expression.
* A *switch statement* can only test for equality.
* While an *if-else ladder* can test for any condition.
* A *switch statement* can be more efficient than an *if-else ladder* when testing for equality, because the compiler can generate a jump table that can quickly jump to the appropriate case.