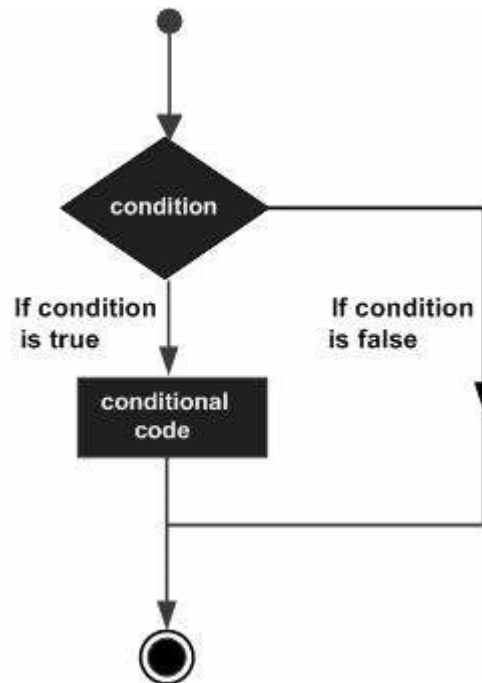# R - Decision making

Decision making structures require the programmer to specify one or more conditions to be evaluated or tested by the program, along with a statement or statements to be executed if the condition is determined to be **true**, and optionally, other statements to be executed if the condition is determined to be **false**.

Following is the general form of a typical decision making structure found in most of the programming languages −

R provides the following types of decision making statements. Click the following links to check their detail.

Sr.No.	Statement & Description
1	**if statement** An **if** statement consists of a Boolean expression followed by one or more statements.
2	**if...else statement** An **if** statement can be followed by an optional **else** statement, which executes when the Boolean expression is false.
3	**switch statement** A **switch** statement allows a variable to be tested for equality against a list of values.