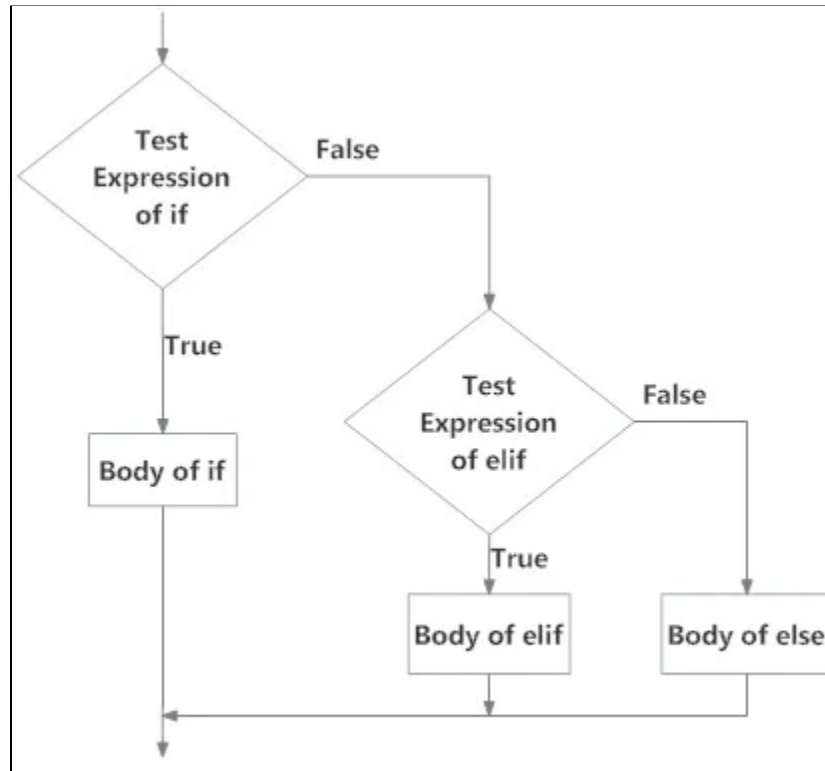


Conditional Statements

Summary:

- An "if statement" is written by using the if keyword- it is a decision making statement.
- Flow Chart:



- Syntax:

```
if test-expression1:
    body of if
elif test-expression2:
    body of elif
.
.
.
else:
    body of else
```

Exercises

Exercise 1:

Take values of length and breadth of a rectangle as input from the user and check if it is square or not.

Exercise 2:

Take two integer values and print the smallest among them.

Exercise 3:

This is the grading system for a course at university:

- a. Below 25 - F
- b. 25 to 45 - E
- c. 45 to 50 - D
- d. 50 to 60 - C
- e. 60 to 80 - B
- f. Above 80 - A

Input the marks from the user, and display the corresponding grade.

Exercise 4:

Write a program to display all the prime numbers up to 100.

Exercise 5:

Check whether a person is eligible for voting or not. (by inputting the age from the user)

Exercise 6:

When a city is entered, display the monument of that city.

City	Monument
Delhi	Qutab Minar
Agra	Taj Mahal
Mumbai	Gateway of India

Exercise 7:

Check whether an entered year is a leap year or not.
