

Python Flow Control

Conditionals

Control the flow of a program

If ... else

We use if ... else statement to control the flow of the our program . When we need a decision based on a condition .

Basic Syntax :

if test_expression:

Statement / s

If ... else

We can add body of code to execute in case the expression is false in the if statement.

Syntax :

if test_expression:
 Statement / s

else:
 Statement / s

If ... elif ... else

We can also check multiple expressions , and execute the body of code inside them when the expression evaluate to true. We use elif , which is a short for else if.

Syntax:

if test_expression:

Statement / s

elif test_expression:

Statement / s

else:

Statement / s

Comparison Operators

> Greater than: True if the left operand is greater than the right

< Less than: True if the left operand is less than the right

== Equal to: True if both operands are equal

!= Not equal to – True if operands are not equal

>= Greater than or equal to: True if left operand is greater than or equal to the right

<= Less than or equal to: True if left operand is less than or equal to the right

Logical Operators

and Logical AND: True if both the operands are true

or Logical OR: True if either of the operands is true

not Logical NOT: True if operand is false