

PROGRAM FLOW CONTROL

PYTHON4ALL

-<https://github.com/bachinaram/python4all>

CONTENT

- Blocks and indentation
- If
- If-else
- If-elif-else

BLOCKS AND INDENTATION

- BLOCKS
 - Python doesn't have BEGIN, END or curly braces in code block but it has indentation.
 - Every block can contain one or multiple blocks
 - New level of indentation starts after colon :
 - shift+tab to remove indentation and tab(4 spaces) to add indentation in editor

IF

- If condition:statement
 - If condition:
 statement
1. if blocks are used for decision making operations.
 2. Python If block doesn't require curly braces
 3. In case the condition is true, it executes the body of code.

IF-ELSE

- If condition:
 statement
else:
 statement
- If condition:statement
else:statement
- statement if condition else statement

1. In case the condition is true, it executes the body of code. Otherwise, whatever is present in the else block it executes entire code.

IF-ELIF-ELSE

- If condition:
 statement
elif condition:
 statement
else:
 statement
 - If condition:statement
elif condition:statement
else:statement
 - Statement if condition else (statement if condition else condition)
1. Python tries to find any of the conditions are true, in that case that true block executes
 2. If none of the code is true and else is also not there, It comes out and proceed with executing rest of code.