**Python Control Flow: if Statements and Loops**

**1. if Statements**

Python’s if statement allows conditional execution of code.

An if statement runs a block of code only if a specified condition is true. The elif keyword provides additional conditions, and else runs a block when all previous conditions are false.

**2. Loops in Python**

Python supports two main loops: for and while.

A for loop is used for iterating over sequences. It repeats the block of code for each item in the sequence.

A while loop continues executing as long as the specified condition remains true. It is useful when the number of iterations is not known in advance.

**3. Loop Control Statements**

Python provides break, continue, and pass to control loop execution.

* The break statement exits a loop immediately when encountered, stopping further execution.
* The continue statement skips the rest of the current iteration and moves to the next iteration of the loop.
* The pass statement is used as a placeholder where code is required but not yet implemented.

These features allow for flexible and efficient control of program execution.