**8. Control Statements (Break, Continue, Pass)**

1. **Understanding the role of break, continue, and pass in Python loops**

These three keywords control the flow of loops in Python, each serving a distinct purpose:

# break Statement

**Purpose**: Immediately terminates the entire loop **Behavior**:

* When encountered, exits the current loop completely
* Execution continues with the first statement after the loop
* Works with both for and while loops

# continue Statement

**Purpose**: Skips the current iteration and moves to the next one **Behavior**:

* When encountered, skips the remaining code in the current iteration
* The loop continues with the next iteration
* Works with both for and while loops **3. pass Statement**

**Purpose**: A null operation placeholder **Behavior**:

* Does nothing when executed
* Used when syntax requires a statement but no action is needed
* Helps maintain empty code blocks without causing errors