# Module Python -Fundamentals of Python Language

Vrinda Mavadhiya 10th June Python

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

**1. break Statement**

**✅ Purpose:**

**Used to exit the loop prematurely, even if the condition is still true or items are remaining.**

**✅ Example:**

**for i in range(1, 10):**

**if i == 5:**

**break**

**print(i)**

**Output:**

**1**

**2**

**3**

**4**

**Explanation:**

**When i is 5, break stops the loop immediately.**

**🔹 2. continue Statement**

**✅ Purpose:**

**Used to skip the current iteration and move to the next one.**

**✅ Example:**

**for i in range(1, 6):**

**if i == 3:**

**continue**

**print(i)**

**Output:**

**1**

**2**

**4**

**5**

**Explanation:**

**When i is 3, continue skips the print(i) and jumps to the next iteration.**

**🔹 3. pass Statement**

**✅ Purpose:**

**Used as a placeholder when a statement is syntactically required but no action is needed.**

**✅ Example:**

**for i in range(1, 4):**

**if i == 2:**

**pass # Nothing happens here**

**print(i)**

**Output:**

**1**

**2**

**3**

**Explanation:**

**When i == 2, Python executes pass (does nothing), then continues normally.**