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| For loop | While loop |
| 1) For loop is used to iterate over a sequence of items, such as a Python tuple, list, string, or range. The loop will execute a block of statements for each item in the sequence. | 1) A while loop is used to repeatedly execute a block of statements while a condition is true. The loop will continue to run as long as the condition remains true. |
| 2) **Syntax:**  for(initialization; condition; iteration){  //body (statement)  } | 2) **Syntax:**  while ( condition) {  statements;  //body of loop  } |
| 3) For loop is faster than while loop. | 3) While loop is slower as compared to for loop. |
| 4) **Example:**  n = [1, 2, 3]  for i in n:  print(i) | 4)**Example:**  i = 1  while i < 6:  print(i)  i += 1 |
| 5) In absence of condition for loop runs infinite times. | 5) In absence of condition While loop Display the compile time error. |