Day 18 Class of DevOps

Agenda – What is a loop statement, how many types in a loop statement, and how to use the loop statement

1. What is a loop statement?

Loop statements execute a sequence of statements multiple times. The LOOP and END LOOP keywords enclose the statements. In Python is a control flow statement as long as the condition is satisfied.

1. How many types are in loop statements and how to use loop statements

There are two types of loop statements in python

* + 1. For loop
    2. While loop
* For Loops in Python are used to iterate over a data structure or sequence of elements, such as a list, string, or dictionary. The loop iterates through each item in the sequence and executes the block of code for each item until the sequence is exhausted.

fruits = ["apple", "banana", "cherry"]

for fruit in fruits:

print(fruit)

Output:

apple

banana

cherry

* While Loops in Python are used to execute a set of statements as long as a condition is true. The condition is evaluated before executing the loop body. If the condition is true, the loop body will be executed. Once the condition becomes false, the loop stops.