**MODULE: 2**

**Fundamentals of Python**

1. **How memory is managed in Python?**

* Memory management in Python involves the management of a private heap.
* A private heap is a portion of memory that is exclusive to the Python process.
* All Python objects and data structures are stored in the private heap. The operating system cannot allocate this piece of memory to another process.

1. **What is the purpose continue statement in python?**

* The continue keyword is used to end the current iteration in a for loop (or a while loop), and continues to the next iteration.

Example :

for i in range(5):  
  if i == 3:  
    continue  
  print(i)

output :

0 1 2 4 5

1. **What are negative indexes and why are they used?**

* Negative indexes in Python are a powerful feature that allows us to access elements in a list from the end instead of the beginning.
* This can be particularly useful when dealing with large lists or when we need to access the last few elements without knowing their exact position.
* Negative indexing always starts from -1.

Example :

b = "Hello, World"

print(b[-1])

output :

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