**1). How memory is manage in python?**

Python is a high level-programming language implemented in the C programming language. The python memory management system handles memory allocation in python. Understanding memory management is crucial for a software developer. Because python is so widely used in software development, building memory-efficient python code Is usually a need.

Memory management in python involves a private heap containing all python objects and data structures. The management of this private heap is ensured internally by the python memory manager. The python memory manager has different components which deal with various dynamic storage management aspects like sharing, segmentation, preallocation or caching.

**Two Types of memory allocation:**

* Static memory
* Dynamic memory

2).**What is purpose continue statement in python?**

The continue statement in Python returns the control to the beginning of the while loop. The continue statement rejects all the remaining statements in the current iteration of the loop and moves the control back to the top of the loop.

The continue statement can be used in both *while* and *for* loops.

**3). What are negative indexes and why are they used?**

Negative Indexing is used to in Python to begin slicing from the end of the string i.e. the last. Slicing in Python gets a sub-string from a string. The slicing range is set as parameters i.e. start, stop and step

**Slice a String with Negative Indexing and set a step**

The slicing range is set as parameters i.e. start, stop and step. For negative indexing, set the start and stop as negative values i.e. slice from the end

## Reverse the order of a string with Negative Indexing

To display the 1st element to last element in steps of 1 in reverse order, we use the [::-1]. The [::-1] reverses the order