Name: Kashyap Sorathiya

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Assignment Module 2 (Fundamentals of Python)

- How is memory managed in Python?

Ans.

Python uses the dynamic memory allocation which is managed by the Heap data structure. Memory Heap holds the objects and other data structures that will be used in the program. Python Memory Manager manages the allocation or de-allocation of the heap memory space through the API functions.

- What is the purpose of 'continue' statement in Python?

Ans.

The '**continue**' statement is used to end the current iteration in a **for** loop or a **while** loop and passes control to the next iteration. It is opposite to that of '**break**' statement.

- What are negative indexes and why are they used?

Ans.

In Python, negative indexing = 'indexing from the end'. It means the last value of a sequence has an index of -1, the second last -2 and so on. Negative indexes can be used when end values are required for an iteration.