**PYTHON Assignment**

**MODULE: 2 (Fundamentals of Python)**

1. How memory is managed in Python?

Ans. Memory management is the process by which applications read and write data. 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. At the lowest level, a raw memory allocator ensures that there is enough room in the private heap for storing all Python related data by interacting with the memory manager of the operating system. On the top of the raw memory allocator, several object specific allocators operate on the same heap and implement distinct memory management policies for every object type. For example, integer objects are managed differently within the heap than strings, tuples or dictionaries because integers imply different storage requirements.

1. What is the purpose of continue statement in Python?

Ans. The continue statement in Python skips the current iteration of the loop and continues with the next iteration.