

1) How memory management 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.
- ⇒ The Python memory primarily managed by python private head space.
- ⇒ All python objects and data structures are located in a private heap.
- ⇒ The operating system cannot allocate this pieces of memory to another process.
- ⇒ The programmers does not have acess to this private head.
- ⇒ Interpreted takes care of this python private heap.

There are two part of memory

- ❖ Stack memory
- ❖ Heap memory

2) What is purpose continue statement in python?

- ⇒ Python continue statement is a loop control statement that forces to execute the next iteration of the loop while skipping the rest of the code inside the loop for the current iteration only.
- ⇒ When the continue statement is executed in the loop ,the code inside the code loop following the continue statement will be skipped for the current iteration and the next iteration of the loop will begin.

⇒

Exmple:-

```
For l in range(1,5):
```

```
    If i==5:
```

```
        Continue
```

```
    Print(i)
```

3) What are the negative indexes and why are they used?

- ⇒ Negative indexing is used in python to manipulate sequence object such as list, arrays, string , etc.....
- ⇒ Negative indexing retrieves elements from the end by the providing negative numbers as sequences indexes.
- ⇒ This means that the index value of -1 gives the last element of an array

- ⇒ The negative indexing start from where the array ends.
- ⇒ This means that the last element of array is the first elements of in the negative indexing which is -1.

Exmple:-

```
Str='hello tops technology'  
Print(str[-1])
```