

Interview Question paper Set-1

1. If a string myString = 'Python Programming\$', what is the value of myString[-0][-1]

2. Observe the following code:

```
a = 200
b = 200

c = id(a) == id(b)

x = 300
y = 300

z = id(x) == id(y)

print c == z
```

what will be the result, that will be display on console.

3. What is the sorting algorithm used in python?

4. Write a Program to convert this heterogeneous tuple completely to flat tuple.

```
Input = (2,23, 34, [55, 'six six', (77, 88, ['nine nine', 0])])
```

```
Output = (2, 23, 34, 55, 'six six', 77, 88, 'nine nine', 0)
```

5. What is the result of set1 = {1, 'Python', True}

6. Write a function to print the greater number, among two numbers

7. Write a function that validates and prints whether the run-time input given is palindrome or not. Ex: 'otto' 'Evil is a deed as I live' Hint: ignore white-space here.

8. Write a function to calculate the factorial of a number. Hint: factorial(4) = 4*3*2*1 = 24

9. write a script to implement the single linked list?

10. Write a program to display the below pattern:

```
      1
     1 1 1
    1 1 1 1 1
   1 1 1 1 1 1
  1 1 1 1 1
   1 1 1
    1
```