Assignment-0

- Parthipan P

1) The Algorithm for finding x and y in 10, 1, 8, 3, 6, 5, 4, 7, x, y.

Step 1: Start

Step 2: n = Previous term

Step 3: a = (n-1)th term

Step 4: x = a – 2

Step 5: y = a + 2

Step 6: Stop

2) “end” in print function of python

Python's print() function comes with a parameter called **'end'**. By default, the value of this parameter is '\n', i.e., the new line character. You can end a print statement with any character/string using this parameter.

print(**"My name is Parthipan."**,end=**" "**)  
print(**"I am from Cape Comorin "**,end=**"and"**)  
print(**" I am useless lol."**)

My name is Parthipan. I am from Cape Comorin and I am useless lol.

3) Revising the things learned so far

* Syntax
* Comments

#xyz

“”” ……….”””

* Variables & Operators
* Data types
* int; x=10
* float; y=10.5
* str; name="Arjun"
* Type casting

>>> a=12.345

>>> int\_a=int(a)

>>> int\_a

12

>>> x\_Str="10"

>>> x\_Num=int(x\_Str)

>>> x\_Num

10

* Print & Input function

>>> h=19

>>> print("Value of h is: ",h)

Value of h is: 19

>>> q=input("Enter the value of q: ")

Enter the value of q: 12

>>> q=int(q)

>>> print("The value of q is: ",q)

The value of q is: 12

>>> r=int(input("Enter the value of r: "))

Enter the value of r: 4

>>> print("The value of r is: ",r)

The value of r is: 4

>>>