

String indexing (character positions) looks like below,,

indexing						
	+	+	+	+	+	+
		P		y		t
		h		o		n
	+	+	+	+	+	+
0	1	2	3	4	5	6
	-6	-5	-4	-3	-2	-1

As we followed in last class,

1. Please create a git branch called “feature\_indexing\_operations”.
2. Rebase your repo in pycharm
3. Checkout the feature branch you created in pycharm
4. Then create a new python file called “string\_indexing\_operations.py”

Create a python program to do the below string indexing operations,

1. Program should accept a string value while running
2. Find out first character in the string using string index
3. Find out last character in the string using string index
4. Find out length of the string using “len” function and print the result
5. Find out the middle character in the string using index
  - a. If length of the string is an odd number print the middle character (first screenshot below)
  - b. If length of the string in an even number then print two of the middle characters (second screenshot below)

```
Enter a string value:
Hello
You entered : Hello
-----
First character in 'Hello' is 'H'
-----
Last character in 'Hello' is 'o'
-----
Length of string 'Hello' is 5
-----
mid index is 2
-----
Middle character in 'Hello' is 'l'
```

```
Enter a string value:
Python
You entered : Python
-----
First character in 'Python' is 'P'
-----
Last character in 'Python' is 'n'
-----
Length of string 'Python' is 6
-----
mid index is 3
-----
Middle characters in 'Python' are 't' and 'h'
```