M1L3
Strings

Index VS Length

- index -> position element
- length -> element lenght

	🐑	🐑	🐑	🐑	🐑	🐑	🐑	🐑	🐑	🐑
string	I		l	o	v	e		y	o	u
index	0	1	2	3	4	5	6	7	8	9
length	1	2	3	4	5	6	7	8	9	10

```
>>> stn = "I love you"
>>> print(len(stn))
10
```

Word finding

```
>>> St = "Are you lonely just like
me"
>>> index1 = St.find("you")
>>> print(index1)
4
>>> # There are no word
>>> index2 = St.find("alone")
>>> print(index2)
-1
>>> # Upper & lower case
>>> index3 = St.find("Just")
>>> print(index3)
-1
```

len() function

- used to count length of object

```
>>> stn = "I love you"
>>> stn_len = len(stn)
>>> print(stn_len)
10
```

Upper lower case

```
>>> # lower and upper case
>>> Ex = "COME WITH ME BABY"
>>> Ex1 = Ex.lower()
>>> print(Ex1)
come with me baby
>>> Ex2 = Ex1.upper()
>>> print(Ex2)
COME WITH ME BABY
>>> # lowercase with input
>>> Id = input("Type : ").lower()
Type : Hi there
>>> print(Id)
hi there
```

String Indexing and Slicing

```
>>> # Indexing
>>> st = "pretty woman walking down"
>>> symbol = st[0]
>>> print(symbol)
p
>>> print(st[18])
g
>>> print(st[-1])
n
>>> # Slicing
>>> print(st[0:15])
pretty wom
>>> print(st[:10])
pretty
>>> print(st[20:])
down
>>> print(st[-11:])
waling down
>>> print(st[:])
pretty woman waling down
```