DevJunction.in

Python One Liners

Part-I

if-else (ternary operator)

```
>>> if condition is True:
...     print(True)
... else:
...     print(False)
```

```
>>> print(True) if (condition is True) else print(False)
```

lambda function

```
>>> def add(num1, num2):
...         print(num1 + num2)
>>> add(2+1)
3
```

```
>>> add = lambda num1, num2: print(num1 + num2)
>>> add(2+1)
3
```

self calling lambda

```
Syntax -
(lambda arg: returned_value)(arg)

# Example - 1
>>> (lambda num1, num2: print(num1 + num2))(2+1)
3

# Example - 2
>>> (lambda num: print(num**2))(9)
81

# Example - 3
>>> (lambda name: print(name))('Gaurav')
'Gaurav'
```

list comprehension

```
>>> nums = []
>>> for number in range(1,20):
...       nums.append(number)

>>> print(nums)
[1,2,3,4,5,6, ... ,20]
```

```
>>> nums = [n for n in range(1,20)]
>>> print(nums)
[1,2,3,4,5,6, ... ,20]
```

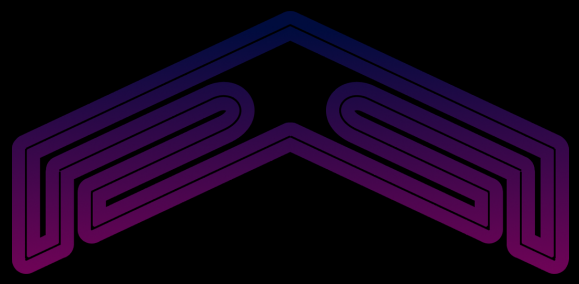



dictionary comprehension

```
>>> fruits_list = ['mango', 'apple']
>>> fruits_dict = {}

>>> for fruit in fruits_list:
...     fruits_dict[fruit] = fruit.upper()

>>> print(fruits_dict)
{'mango': 'MANGO', 'apple': 'APPLE'}
```


```
>>> fruits_list = ['mango', 'apple']
>>> fruits_dict = {fruit: fruit.upper() for fruit in fruits_list}

>>> print(fruits_dict)
{'mango': 'MANGO', 'apple': 'APPLE'}
```



THANKS FOR READING TILL THE END

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