

PYTHON BASICS

★ General Information :-

Whitespace matters! Indent where needed.

Import modules "import modulename"

This is a comment.

print("Hello World!") # Prints to screen.

★ Conditional Statements :-

if isSunny:

Print('It's Sunny!')

elif 90 <= temp < 100 and bath > 80:

print('Bath is hot and full!')

elif not (c job == 'qa' or (usr == 'adm')):

print('Match if not qa or adm')

else:

print('No match. job is ' + job)

ATUL KUMAR (LINKEDIN).

NOTES GALLERY (TELEGRAM).

★ Strings :-

title = 'Us and them'

most list operations

title[0]

len(title)

title.split(' ')

':' join(['A', 'B', 'C'])

nine = str(9)

title.replace('them', 'us')

works on strings

output: 'u'

11

['us', 'and', 'them']

'A': 'B': 'C'

convert int into string

us and us.

★ Dictionaries :-

```
votes = {'red': 3, 'blue': 5}
votes.keys() # Output: ['blue', 'red']
votes['gold'] = 4 # add a key / val
del votes['gold'] # deletes key
votes['blue'] = 6 # change value
len(votes) # 2
votes.values() # [6, 3]
'green' in votes # False
votes.has_key('red') # True
```

★ Numbers :-

```
total = 3 * 3 # Output: 9
total = 5 + 2 * 3 # Output: 11
cost = 1.50 + 3.75 # Output: 5.25
total = int("9") + 1 # Output: 10
```

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★ Tuples :-

NOTES GALLERY (TELEGRAM).

Like lists, except they cannot be changed

```
tuple1 = (1, 2, 3, "a", "z") # creates tuple
tuple1[3] # 'a'
```

★ Lists :-

```
scores = ['A', 'c', 90, 75, 'C']
scores[0] # Output: 'A'
scores[1:3] # 'c', 90
scores.count('c') # 2
scores.append(100) # Adds 100 to list
scores.pop() # removes third item.
```