Comments

# This is a comment

"""

This is a comment

Written in

Mor that just one line

"""

Variables 06 types

1 : String Variables

X = ″‴′ hello word ″‴′

X = 120

Y = 1.55

Y = 0.123

CompNum = 4+5j

Lists

1 : MyList = [one,tow,0,true] MyList[0]=one

2 : MyTuple = (one , tow,0)

3 : MySet = {‘one ‘,’one’,’tow’}

MySet ----- > {’one’,’tow’} ‘Set’ object does not support item repeat

4 : MyDict = { ‘firsKey ‘ : ‘Hello’ , ‘SecondKey’ : 0 , ‘test’ : [1,2,3] }

MyDict[‘test’] 🡪 [1,2,3]

5 : MyBool = True or Fals

6 : Binary variables  0,1,2,3 , ….. , 255

3 : My

Type(x) --- > string, Number , list , Tuple , Set , Dictonary , Boolean

==

!=

>

<

=>

=<

A = 20

B = 20

C = 11

If A==B :

Print(‘Yes’)

else :

Print(‘No’)

If A >10  And B > 10:

Print(‘Yes’)

else :

Print(‘No’)

If A >10  or B > 10:

Print(‘Yes’)

else :

Print(‘No’)

If A is B : ( is not )

Print(‘Yes’)

else :

Print(‘No’)

Names = [‘ahmed’ , ‘hiba’ , ‘ibrahim’]

If ‘ibrahim’ in Names : ( not in )

Print(‘ibrahim found !’)

If cond :

Elif cond :

Else :

Loops

for x in listActive :

print (x)

for i in range(10) :

print(‘hello word’)

MagicNumber = 0

while MagicNumber < 10 :

print(‘its magic’)

MagicNumber ++

**functions**

def My\_func () :

print(‘hello word’)

def Add(x,y) :

return x+y

Add\_func = **lambda** x,y : x+y

Print (Add\_func (4,1)) ---- > 5

**Exceptions Handiling**

try :

B + B + fggdfgdf

except :

print (‘Exeption !’)

try :

B + B

Except NameError :

print (‘Exeption !’)

finally :

print ( ‘Finally’ )

try :

B + B

Except NameError :

print (‘Exeption !’)

else :

print ( ‘no error )

**Object Oriented Programming**

**classes**

**class** **My\_class** :

*My\_variable* = ‘this is my Var’

**def** **My\_method** ( self ) :

**Print** (‘this is my method !’)

My\_class().My\_method() --- > this is my method !

Or

**Algorithms**

My\_object = My\_class()

My\_object.My\_method() --- > this is my method !

From docx import Document

From docx.shared import Inches

document = Document()

# profil picture

document.add\_picture(

‘me.png’ ,

Width = Inches(2.0)

)

Name = input(‘ What is your name ? ‘)

Phone\_number = input( ‘What is your phone number ? ‘)

Email = input(‘What is your email ?’)

document.add\_paragraph(

Name + ‘/ ’ + phone\_number + ‘ / ’ +email )

Document.add\_heading(‘About me ‘)

Document.add\_paragraph(input(‘ Tell about your self ‘)

# work experience

Document.add\_heading(‘ Work Experience ‘)

#more exeriences

While True :

has\_mor\_expericens = input(

‘ Do you have more exeperinces ? Yes or No ‘

If has\_more\_exepericen == ‘yes’ :

P = document.add\_paragraph()

Comany = input(‘ Enter comany ‘)

From\_data = input (‘Form date ‘)

To\_date = input(‘To Date ‘)

p.add\_run(comapy + ‘ ‘).**bold** = True

p.add\_run(from\_date + ‘ ‘+to\_date + ‘\n’).**italique**

exeprince\_details = input( ‘ Decribe your experice at ‘ + comapy )

p.add\_run(exeperience\_details)

document.save(‘cv.docx’)