Go to this link: *https://www.w3schools.com/python/default.asp*

Complete the tutorial examples from **python If else to Python For Loops. Run the code and** copy the codes you run with the solutions and upload the document

For example

*Syntax to print:*

print("Hello world")

*Output*

Hello world

Python Conditions and If statements

***If statement:***

a = 11

b = 200

if b > a:

print("b is greater than a")

*Output*

b is greater than a

***Elif***

a = 35

b = 33

if b < a:

print("b is less than a")

elif a == b:

print("a and b are equal")

*Output*

b is less than a

***Else***

i = 3561

h = 3561

if h > i:

print("h is greater than i")

elif i == h:

print("i and h are equal")

else:

print("i is greater than h")

*Output*

i and h are equal

***Short Hand If***

e = 522

f = 231

if e > f: print("e is greater than f")

*Output*

e is greater than f

***Short Hand If ... Else***

q = 213

w = 4512

print("A") if q < w else print("B")

*Output*

A

***And***

a = 7889

b = 3123

c = 23144

if a > b and c > b:

print("Both conditions are True")

*Output*

Both conditions are True

***Or***

a = 214412

b = 11224

c = 524251111

if a > b or c > a:

print("At least one of the conditions is True")

*Output*

At least one of the conditions is True

***Nested If***

x = 21122

if x >= 12213:

print("Above ten,")

if x > 2021:

print("and also above 2021!")

else:

print("but not above 2021.")

*Output*

Above ten,

and also above 2021!

***The pass Statement***

a = 124

b = 2144

if b > a:

pass

*Output*

# no output would be given. This is a null statement put to avoid getting errors.

***Python For Loops***

OpSys = ["apple", "android", "windowsOS"]

for x in OpSys:

print(x)

*Output*

apple

android

windowsOS

***Looping Through a String***

for A in "android":

print(A)

*Output*

a

n

d

r

o

i

d