PYTHON 3rd ASSINGNMENT

1. Hint:

-> Make a use of Time Module and for Loop

-> Output Should be :

Loading.

Loading..

Loading...

Loading....

Loading.....

Here it shows you 5 output but you have to print only "Loading....." in animated

form.

IN[]:

import time

print("loading",end = "")

for i in range(0,5):

print(".",end = '')

time.sleep(.5)

OUT[]:

Loading…..

2. Difference between Return and Yield ?

The yield statement suspends function’s execution and sends a value back to the caller, but retains enough state to enable function to resume where it is left off. When resumed, the function continues execution immediately after the last yield run. This allows its code to produce a series of values over time, rather than computing them at once and sending them back like a list.

**Return** sends a specified value back to its caller whereas **Yield** can produce a sequence of values. We should use yield when we want to iterate over a sequence, but don’t want to store the entire sequence in memory.

Yield are used in Python **generators**.

3. Make digital Clock and run it for 5 sec.

Output:

16:39:08

:09

:10

:11

:12

IN[]:

import time

import datetime

current = str(datetime.datetime.now()).split(' ')

print("initial time ",current[1])

for i in range(0,5):

after = datetime.datetime.now()

print ("time after 5 seconds ",after.strftime("%H:%M:%S"), end = "")

print("\r", end="")

time.sleep(1)

OUT[]:

initial time 22:16:58.852742

time after 5 seconds 22:17:02

4. Add anything in tuple.. example: (1,2,3,4) -> new tuple (1,2,3,4,5)

IN[]:

tup\_ = (1,2,3,4)

print("The Tuple before adding is: ",tup\_)

addition = int(input("Enter a number to add to tuple: "))

tup\_= list(tup\_)

tup\_.append(addition)

tup\_ = tuple(tup\_)

print("The tuple after addition is: ", tup\_)

OUT[]:

The Tuple before adding is: (1, 2, 3, 4)

Enter a number to add to tuple: 12

The tuple after addition is: (1, 2, 3, 4, 12)

5. WhatsApp texting using webbrowser Lib.

IN[]:

import webbrowser

try:

number=(input("Enter the number you want to send message to: \n"))

text=str(input("Enter your message: \n"))

url=('https://api.whatsapp.com/send?phone=91{}&text={}&source=&data=&app\_absent='.format(number,text))

webbrowser.open\_new\_tab(url)

except Exeception:

print('error!!!')