Python

Assignment 3

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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.

ANS->

import time

while True:

    print('\rloading.',end='')

    time.sleep(0.5)

    print('\rloading..',end='')

```
    time.sleep(0.5)

    print('\rloading...',end='')

    time.sleep(0.5)

    print('\rloading....',end='')

    time.sleep(0.5)

    print('\rloading.....',end='')

    time.sleep(0.5)

    break;
```

output:loading.....

2)Difference between Return and Yield ?

ANS ->

1)RETURN: =>The keyword return causes the function to exit and hands back a value to its caller. The return statement is used when a function is ready to exit and return a value to its caller. It: ->returns a single value to its caller ->terminate the loop immediately ->exit the function

2)YIELD: =>The keyword yield causes the function to hand back a generator object to its caller. Yield will not cause the function to exit nor terminate the loop. A generator can be parsed into a list. To calculate a series of results one-by-one on the fly. It: ->returns a generator object (can parse into a list) ->keep the loop going

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

Output:

16:39:08

:09

:10

:11

:12

ANS->import time

i=5

while i!=0:

   localtime = time.localtime()

   result = time.strftime("%I:%M:%S %p", localtime)

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

   time.sleep(1)

   i=i-1

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

ANS->tuple1=(1,2,3,4)

print("#Tuple without adding anything=>",tuple1)

tuple1=tuple1+(5,)

print("#Tuple after adding an element=>",tuple1)

output:#Tuple without adding anything=> (1, 2, 3, 4)

#Tuple after adding an element=> (1, 2, 3, 4, 5)

5. WhatsApp texting using webbrowser Lib.

ANS->import webbrowser

webbrowser.open_new_tab("https://wa.me/911234567890?text=Welcome Message")

output:True