Final Exam
Instructions for Knowledge Checks

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer

2. Attempts per question:

- One attempt - For True/False questions

- Three attempts - For any question other than True/False

3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You
   will **NOT** be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" tab

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1)

1/1 point (graded)
What is the result of the following operation 3+2*2?

- ○ 3

- ○ 12

- ○ 9

- ◉ 7 ✔

Submit	You have used 1 of 3 attempts

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2)

1/1 point (graded)
What is the type of the following variable: True?

- ○ int
- ◉ bool ✔
- ○ str
- ○ list

Submit	You have used 1 of 3 attempts

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3)

1/1 point (graded)
What is the result of the following operation int(3.2)?

- ○ 3.2
- ◉ 3 ✔
- ○ 4
- ○ '3.2'

Submit	You have used 2 of 3 attempts

4)

1/1 point (graded)

Consider the string A='1234567', what is the result of the following operation: A[1::2]

- ○ '1234567'

- ◉ '246' ✔

- ○ '1357'

- ○ error

Submit   You have used 1 of 3 attempts

5)

1/1 point (graded)

Consider the string Name="Michael Jackson" , what is the result of the following operation Name.find('el')

- ◉ 5 ✔

- ○ 4

- ○ 5,6

- ○ -1

Submit   You have used 1 of 3 attempts

6)

0/1 point (graded)

The variables A='1' and B='2' ,what is the result of the operation A+B?

○ you cant add two strings

◉ 3 ✖

○ '3'

○ '12'

Submit　　　You have used 3 of 3 attempts

7)

1/1 point (graded)

Consider the variable F="You are wrong", Convert the values in the variable F to uppercase?

○ F.up()

○ F.upper

◉ F.upper() ✔

Submit　　　You have used 1 of 3 attempts

8)

1/1 point (graded)

Consider the tuple tuple1=("A","B","C"), what is the result of the following operation tuple1[-1]?

- ○ "A"

- ○ "B"

- ◉ "C" ✔

Submit   You have used 1 of 3 attempts

9)

1/1 point (graded)

Consider the tuple A=((11,12),[21,22]), that contains a tuple and list. What is the result of the following operation A[1]:

- ○ ((11,12),[21,22])

- ○ (11,12)

- ○ (21,22)

- ◉ [21,22] ✔

Submit   You have used 3 of 3 attempts

10

1/1 point (graded)

Consider the tuple A=((11,12),[21,22]), that contains a tuple and list. What is the result of the following operation A[0][1]:

- ◉ 12 ✔
- ◯ 11
- ◯ 22
- ◯ 21

Submit   You have used 1 of 3 attempts

11

1/1 point (graded)

What is the result of the following operation '1,2,3,4'.split(',')

- ◯ '1','2','3','4'
- ◯ ('1','2','3','4')
- ◉ ['1','2','3','4'] ✔
- ◯ '1234'

Submit   You have used 3 of 3 attempts

12

1/1 point (graded)

Concatenate the following lists A=[1,'a'] and B=[2,1,'d']:

○ A+B ✔

○ A-B

○ A*B

○ A/B

Submit   You have used 1 of 3 attempts

13

1/1 point (graded)
How do you cast the list 'A' to the set 'a'?

○ a.set()

○ a=A.append()

○ a=A.dict()

◉ a=set(A) ✔

Submit   You have used 1 of 3 attempts

14

1/1 point (graded)

Consider the Set: V={'A','B'}, what is the result of V.add('C')?

○ {'A','B'}

◉ {'A','B','C'} ✔

○ {'AC','BC'}

○ error

Submit   You have used 1 of 3 attempts

15

1/1 point (graded)

Consider the Set: V={'A','B','C' }, what is the result of V.add('C')?

○ {'A','B'}

◉ {'A','B','C'} ✔

○ {'A','B','C','C'}

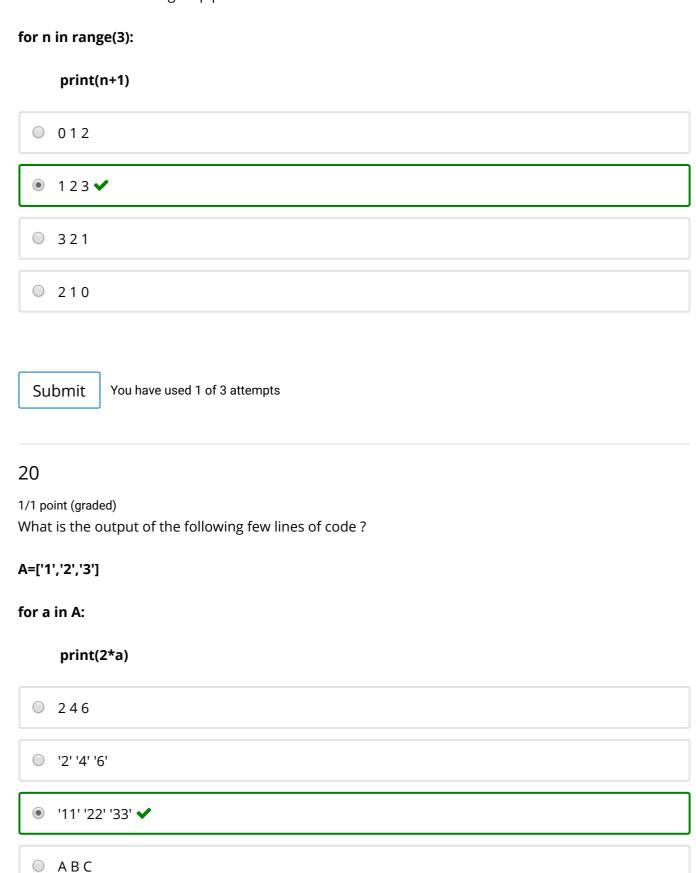○ error

Submit   You have used 1 of 3 attempts

16

1/1 point (graded)

What is the output of the following lines of code:

x="Go"

if(x!="Go"):

　　　print('Stop')

else:

　　　print('Go ')

print('Mike')

⦿　Go Mike ✔

○　Mike

○　Stop Mike

○　The Mike

Submit	You have used 1 of 3 attempts

17

1/1 point (graded)
What is the output of the following lines of code:

x="Go"

if(x=="Go"):

　　　print('Go ')

else:

　　　print('Stop')

print('Mike')

- ⦿ Go Mike ✔

- ○ Mike

- ○ Stop Mike

- ○ The Mike

Submit   You have used 1 of 3 attempts

18

1/1 point (graded)

how many iterations are performed in the following loop?

for n in range(3):

print(n)

- ○ 1

- ○ 2

- ⦿ 3 ✔

- ○ 4

Submit   You have used 2 of 3 attempts

19

1/1 point (graded)

What does the following loop print?

for n in range(3):

    print(n+1)

○ 0 1 2

◉ 1 2 3 ✔

○ 3 2 1

○ 2 1 0

[Submit]   You have used 1 of 3 attempts

20

1/1 point (graded)
What is the output of the following few lines of code ?

A=['1','2','3']

for a in A:

    print(2*a)

○ 2 4 6

○ '2' '4' '6'

◉ '11' '22' '33' ✔

○ A B C

| Submit | You have used 3 of 3 attempts |

21

1/1 point (graded)

Consider the function add, what is the result of calling the following Add('1','1') (look closely at the return statement)

def Add(x,y):

    z=y+x

    return(y)

○ error

○ '2'

○ '11'

◉ '1' ✔

| Submit | You have used 1 of 3 attempts |

22

1/1 point (graded)

Consider the class Points, what are the data attributes:

class Points(object):

    def __init__(self,x,y):

        self.x=x

```
            self.y=y

    def print_point(self):

            print('x=',self.x,'y=',self.y)
```

○   __init__

◉   self.x self.y ✔

○   print_point

[Submit]   You have used 1 of 3 attempts

23

1/1 point (graded)
What is the result of running the following lines of code ?

class Points(object):

    def __init__(self,x,y):

        self.x=x

        self.y=y

    def print_point(self):

        print('x=',self.x,' y=',self.y)

p1=Points(1,2)

p1.print_point()

○   x=1

○ y=2

◉ x=1 y=2 ✔

| Submit | You have used 1 of 3 attempts |

24

1/1 point (graded)

What is the result of running the following lines of code ?

class Points(object):

def __init__(self,x,y):

self.x=x

self.y=y

def print_point(self):

print('x=',self.x,' y=',self.y)

p2=Points(1,2)

p2.x=2

p2.print_point()

○ x=1

○ y=2

○ x=1 y=2

◉ x=2 y=2 ✔

Submit   You have used 1 of 3 attempts

25

1/1 point (graded)

Consider the following line of code: with open(example1,"r") as file1:

What mode is the file object in?

- ⦿ read ✔
- ◯ write
- ◯ append

Submit   You have used 1 of 3 attempts

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