You are taking "Final Exam" as a timed exam. The timer on the right shows the time remaining in the exam. To receive credit for problems, you must select "Submit" for each problem before you select "End My Exam".

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Final Exam

Final Exam Instructions

1. Time allowed: **1 hour**
2. Attempts per question:
   - One attempt - For True/False questions
   - Two 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

IMPORTANT: Do not let the time run out and expect the system to grade you automatically. You must explicitly submit your answers, otherwise they would be marked as incomplete.

---

1)

1/1 point (graded)

What is the result of the following operation 3+2*2?

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- 12
- 9
- 7 ✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

2)

1/1 point (graded)

What is the type of the following variable: a=True?

- int
- bool ✔

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✔ Correct (1/1 point)

3)

1/1 point (graded)

What is the result of the following operation int(3.2)?

- ○ 3.2
- ◉ 3 ✔
- ○ 4
- ○ '3.2'

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✔ Correct (1/1 point)

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 2 attempts

✔ Correct (1/1 point)

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- (●) 5 ✔
- ( ) 4
- ( ) 5,6
- ( ) -1

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

6)

1/1 point (graded)

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

- ( ) you cant add two strings

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◉ '12' ✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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() ✔

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✔ Correct (1/1 point)

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 2 attempts

✔ Correct (1/1 point)

9)

1/1 point (graded)

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- (11,12)
- (21,22)
- [21,22] ✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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

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✔ Correct (1/1 point)

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'

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✔ Correct (1/1 point)

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 2 attempts

✔ Correct (1/1 point)

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- a.set()
- a=A.append()
- a=A.dict()
- a=set(A) ✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

14

1/1 point (graded)

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

- {'A','B'}

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- error

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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'}

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Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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 ✔

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○ The Mike

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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')
```

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- ○ Mike
- ○ Stop Mike
- ○ The Mike

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

18

1/1 point (graded)

how many iterations are performed in the following loop?

```
for n in range(3):
    print(n)
```

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- ◉ 3 ✔
- ○ 4

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

19

1/1 point (graded)

What does the following loop print?

```
for n in range(3):
    print(n+1)
```

- ○ 0 1 2

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○ 2 1 0

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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

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○ A B C

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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

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◉ '1' ✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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):
```

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- ◉ self.x self.y ✔
- ○ print_point

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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
```

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p1=Points(1,2)

p1.print_point()

- ○ x=1
- ○ y=2
- ◉ x=1 y=2 ✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

24

1/1 point (graded)

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

class Points(object):

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```
            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 2 attempts

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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 2 attempts

✔ Correct (1/1 point)