

CS23336-Introduction to Python Programming

Started on Wednesday, 28 August 2024, 1:39 PM

State Finished

Completed on Wednesday, 28 August 2024, 1:54 PM

Time taken 14 mins 27 secs

Marks 12.00/15.00

Grade **80.00** out of 100.00

Question 1

Incorrect

Mark 0.00 out of 1.00



Flag question

Question text

Predict the output of the program?

```
for x in range(4):  
    if x == 3: break  
    print(x)  
else:  
    print("Finally finished!")
```

Question 1 Answer



a.

Finally Finished!



b.

0

1

2



c.

0

1

2

3

Finally Finished!



d.

0

1

2

3


Feedback

Your answer is incorrect.

The correct answer is:

0
1
2

Question 2

Correct
Mark 1.00 out of 1.00
 Flag question

Question text

Which is a counter-controlled in python?

Question 2 Answer

☐

a.

while

☐

b.

do-while

☐

c.

switch

☒

d.


for

Feedback

Your answer is correct.
The correct answer is:

for

Question 3

Correct
Mark 1.00 out of 1.00
 Flag question

Question text

Predict the output of the program?
for x in range(2, 8, 5):
 print(x)

Question 3 Answer

☐

a.

2 4 6 8

☐

b.

2 8

☒

c.

2 7

☐

d.

2 3 4 5 6 7 8


Feedback

Your answer is correct.
The correct answer is:

2 7

Question 4

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

The range() function returns a

Question 4 Answer

☒

a.

sequence of numbers

☐

b.

sequence of lists

☐

c.

sequence of bytes

☐

d.

sequence of set


Feedback

Your answer is correct.
The correct answer is:

sequence of numbers

Question 5

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

```
i = 0
while i <3 :
    print(i)
    i += 1
    if i == 2:
        continue
    else:
        print(0)
```

What is the output of the following?

Question 5 Answer

☐

a.

0

0

1

1

0

☐

b.

0

1

1

1

0

☐

c.

0

1

2

0

☒

d.

0

0

1

2

0

Feedback

Your answer is correct.
The correct answer is:

0

0

1

2

0

Question 6

Correct
Mark 1.00 out of 1.00



Flag question

Question text

Predict the output of the following

```
i = 2
while i < 4:
    print(i)
    i += 1
```

Question 6 Answer

☐

a.

3 4

☐

b.

1 2 3 4

☒

c.

2 3

☐

d.

2 3 4


Feedback

Your answer is correct.
The correct answer is:

2 3

Question 7

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

A while loop in python is used for what type of iteration?

Question 7 Answer

☐

a.

indiscriminant

☐

b.

definite

☐

c.

discriminant

☒

d.

indefinite


Feedback

Your answer is correct.
The correct answer is:

indefinite

Question 8

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

For loop in python is

Question 8 Answer

☐

a.

Multi Control Loop

☐

b.

Exit Control Loop

☐

c.

Simple Loop

☒

d.

Entry Control Loop

Feedback

Your answer is correct.


The correct answer is:

Entry Control Loop

Question 9

Correct

Mark 1.00 out of 1.00

 Flag question

Question text

Which of the following is a loop in python?

Question 9 Answer

☐

a.

Break

☒

b.

For

☐

c.

Do-While

☐

d.

If-Else

Feedback


Your answer is correct.

The correct answer is:

For

Question 10

Incorrect
Mark 0.00 out of 1.00

 Flag question

Question text

For loop follows which principle?

Question 10 Answer

☐

a.

You Aren't Going to Need It(YAGNI)

☐

b.

Don't Repeat Yourself (DRY)

☐

c.

Open/closed

☒

d.

Single responsibility


Feedback

Your answer is incorrect.
The correct answer is:

Don't Repeat Yourself (DRY)

Question 11

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

Predict the output of the program?

```
for x in range(2, 8, 5):  
    print(x)
```

Question 11 Answer

☐

a.

2 3 4 5 6 7 8

☒

b.

2 7

☐

c.

2 4 6 8

☐

d.

2 8

Feedback


Your answer is correct.

The correct answer is:

2 7

Question 12

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

```
i = 0
while i <3 :
    print(i)
    i += 1
    if i == 2:
        continue
    else:
        print(0)
```

What is the output of the following?

Question 12 Answer

☐

a.

0

0

1

1

0

☐

b.

0

1

1

1

0

☐

c.

0

1

2

0

☒

☐

d.

0

0

1

2

0

Feedback

Your answer is correct.
The correct answer is:

0

0


1

2

0

Question 13

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

```
for x in [0, 1, 2]:  
    pass
```

Predict the output of the program?

Question 13 Answer

☐

a.

Compilation Error

☒

b.

Prints nothing

☐

c.

Prints 0,1,2

☐

d.

Runtime Error


Feedback

Your answer is correct.
The correct answer is:

Prints nothing

Question 14

Correct
Mark 1.00 out of 1.00

 Flag question

Question text

Which is a counter-controlled in python?

Question 14 Answer

☐

a.

while

☐

b.

switch



c.

for



d.

do-while

Feedback

Your answer is correct.
The correct answer is:

for

Question 15

Incorrect
Mark 0.00 out of 1.00



Flag question

Question text

```
numbers = (8, 9, 11, 20)
a = 1
for num in numbers:
    a = a * num
print(a)
```

Predict the output of the program?

Answer: Question 15

174240

Feedback

The correct answer is: 15840

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