



CS23336-Introduction to Python Programming

Started on Friday, 23 August 2024, 12:30 PM

State Finished

Completed on Friday, 23 August 2024, 12:46 PM

Time taken 16 mins 22 secs

Marks 10.00/15.00

Grade **66.67** out of 100.00

Question 1

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 1

Feedback

The correct answer is: 15840

Question 2

Incorrect

Mark 0.00 out of 1.00

☐ Flag question

Question text

For loop follows which principle?

Question 2 Answer

☐

a.

You Aren't Going to Need It(YAGNI)

☐

b.

Don't Repeat Yourself (DRY)

☐

c.

Single responsibility

☒

d.


Open/closed

Feedback

Your answer is incorrect.
The correct answer is:

Don't Repeat Yourself (DRY)

Question 3

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 3 Answer

☐

a.

0

1

2

☐

b.

0

1

2

3

Finally Finished!

☒

c.

0

1

2

3

Finally Finished!

☐

d.

Finally Finished!

Feedback


Your answer is incorrect.
The correct answer is:

- 0
- 1
- 2

Question 4

Incorrect

Mark 0.00 out of 1.00

☐  Flag question

Question text

While loop can execute a set of statements till

Question 4 Answer

☐

a.

The condition stops executing

☐

b.

The condition starts executing

☒

c.

The condition is False

☐

d.


The condition is True

Feedback

Your answer is incorrect.
The correct answer is:

The condition is True

Question 5

Correct
Mark 1.00 out of 1.00
☐  Flag question

Question text

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

i += 1
Predict the output of the following?
```

Question 5 Answer

☐

a.

2 3 4

☐

b.

1 2 3 4

☐

c.

Compiler Error

☒

d.

1 2


Feedback

Your answer is correct.
The correct answer is:

1 2

Question 6

Correct
Mark 1.00 out of 1.00

☐  Flag question

Question text

Which is a counter-controlled in python?

Question 6 Answer

- ☐ a.
switch
- ☐ b.
while
- ☒ c.
for
- ☐ d.
do-while


Feedback

Your answer is correct.
The correct answer is:

for

Question 7

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 7 Answer

- ☒ a.
0
- ☐ b.
1
- ☐ c.
2
- ☐ d.
3

☐

b.

0

1

2

☐

c.

Finally Finished!

☐

d.

0

1

2

3

Finally Finished!

Feedback

Your answer is incorrect.
The correct answer is:


0

1

2

Question 8

Correct
Mark 1.00 out of 1.00

☐  Flag question

Question text

For loop in python is

Question 8 Answer

☐

a.

Exit Control Loop

☒

b.

Entry Control Loop

☐

c.

Simple Loop

☐


d.

Multi Control Loop

Feedback

Your answer is correct.
The correct answer is:

Question 9

Correct
Mark 1.00 out of 1.00
☐  Flag question

Question text


The range() function by defaults increments by

Answer: Question 9

Feedback

The correct answer is: 1

Question 10

Correct
Mark 1.00 out of 1.00
☐  Flag question

Question text

Syntax of range()

Question 10 Answer

☐

a.

(step, stop, start)

☐

b.

(start, step, stop)

☒

c.

(start, stop, step)

☐

d.


(stop, step, start)

Feedback

Your answer is correct.
The correct answer is:

(start, stop, step)

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 4 6 8

☐

b.

2 8

☐

c.

2 3 4 5 6 7 8

☒

d.

2 7


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=1
while True:
    if i%0o7==0:
        break
    print(i)
    i+=1
```

Predict the output of the following?

Question 12 Answer

☐

a.

7

☐

b.

1 2 3 4 5 6 7

☒

c.

1 2 3 4 5 6

☐

d.

0 1 2 3 4 5 6 7


Feedback

Your answer is correct.
The correct answer is:

1 2 3 4 5 6

Question 13

Correct
Mark 1.00 out of 1.00

☐  Flag question

Question text

Which one of them is the correct syntax of for loop in python ?

Question 13 Answer

☐

a.

```
for[sequence] in [sequence]:  
    loop body
```

☐

b.

```
for[sequence] in [item]:  
    loop body
```

☐

c.

```
for [item] in [item]:  
    loop body
```

☒

d.

```
for [item] in [sequence]:  
    loop body
```

Feedback

Your answer is correct.


The correct answer is:

```
for [item] in [sequence]:  
    loop body
```

Question 14

Correct

Mark 1.00 out of 1.00

☐  Flag question

Question text

```
True= False
```

```
while(True):
```

```
    print(True)
```

```
    break
```

What is the output of the following?

Question 14 Answer

☒

a.

Syntax Error

☐

b.

True

☐

c.

False

☐

d.


No output

Feedback

Your answer is correct.
The correct answer is:

Syntax Error

Question 15

Correct
Mark 1.00 out of 1.00
☐  Flag question

Question text

Which of the following is an infinite loop?

Question 15 Answer

☒

a.

while(1):

☐

b.

while(infinite):

☐

c.

while(0):

☐

d.

while(i==2):

Feedback

Your answer is correct.
The correct answer is:

while(1):

Save the state of the flags

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