



# CS23336-Introduction to Python Programming

**Started on** Monday, 5 August 2024, 1:42 PM

**State** Finished

**Completed on** Monday, 5 August 2024, 1:46 PM

**Time taken** 3 mins 34 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

Which of the following functions is a built-in function in python language?

Question 1 Answer

☐

a.

val()

☒

b.

print()

☐

c.

printf()

☐

d.

scanf()

## Question 2

Complete

Marked out of 1.00



Remove flag

### Question text

Which function is used to print a message in Python?

Question 2 Answer

☐

a.

display()

☐

b.

show()

☐

c.

echo()

☒


d.

```
print()
```

### Question 3

Complete

Marked out of 1.00

 Flag question

#### Question text

What will be the output of the following Python code?

```
name = "vijay"  
age = 31  
print("My name is {} and I am {} years old.".format(name, age))
```

Question 3 Answer

☐

a.

My name is "Vijay" and I am "31" years old.

☐

b.

My name is {} and I am {} years old.

☐

c.

My name is name and I am age years old.

☒


d.

My name is Vijay and I am 31 years old.

### Question 4

Complete

Marked out of 1.00

 Flag question

#### Question text

What do we use to define a block of code in Python language?

Question 4 Answer

☐

a.

Key

☐

b.

Curly brace

☒

c.

Indentation


☐

d.

Parenthesis

### Question 5

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following is NOT a basic datatype in Python?

Question 5 Answer

- ☐ a.  
float
- ☐ b.  
int
- ☐ c.  
str
- ☒ d.  
decimal

### Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text

What will be the output of the following python Code-

```
mystring="India is my country"
```


```
print(type(mystring))
```

Question 6 Answer

- ☐ a.  
class str
- ☐ b.  
'str'
- ☐ c.  
str
- ☒ d.  
<class 'str'>

### Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the correct syntax to create a variable in Python?

Question 7 Answer



a.

name = "value"



b.

var name = "value"



c.

var name : "value"



d.

name := "value"

## Question 8

Complete

Marked out of 1.00



Flag question

### Question text

Which one of the following is the correct extension of the Python file?

Question 8 Answer



a.

.python



b.

.py



c.

.cpp



d.

.p

## Question 9

Complete

Marked out of 1.00



Flag question

### Question text

Which function returns a floating point number?

Question 9 Answer



a.

int()



b.

str()

☐

c.

bool()

☒

d.

float()

## Question 10

Complete

Marked out of 1.00



Flag question

### Question text

Which function converts a value to an integer in Python?

Question 10 Answer

☐

a.

bool()

☐

b.

float()

☐

c.

str()

☒

d.

int()

## Question 11

Complete

Marked out of 1.00



Flag question

### Question text

Which of the following declarations is incorrect in python language?

Question 11 Answer

☐

a.

x,y,z,p = 5000, 6000, 7000, 8000

☐

b.

xyzp = 5,000,000

☐

c.

x\_y\_z\_p = 5,000,000



d.

x y z p = 5000 6000 7000 8000

## Question 12

Complete

Marked out of 1.00



Flag question

### Question text

Which of the following is a correct syntax to output “Hello Python” in Python?

Question 12 Answer



a.

echo("Hello Python")



b.

print("Hello Python")



c.

echo "Hello Python"



d.

print "Hello Python"

## Question 13

Complete

Marked out of 1.00



Flag question

### Question text

Which of the following is NOT a valid identifier in Python?

Question 13 Answer



a.



b.

a\_



c.

a1




d.

1a

## Question 14

Complete  
Marked out of 1.00

 Flag question

### Question text


What will be the output of type("hello")?

Question 14 Answer

- ☐ a.  
<class 'float'>
- ☐ b.  
<class 'int'>
- ☒ c.  
<class 'str'>
- ☐ d.  
<class 'bool'>

### Question 15

Complete  
Marked out of 1.00

 Flag question

### Question text

Which keyword is used to write comments in Python?

Question 15 Answer

- ☒ a.  
#
- ☐ b.  
//
- ☐ c.  
<!--
- ☐ d.  
/\*

Finish review

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# CS23336-Introduction to Python Programming

**Started on** Wednesday, 7 August 2024, 2:20 PM

**State** Finished

**Completed on** Wednesday, 7 August 2024, 2:32 PM

**Time taken** 11 mins 59 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

**State the output of the following code.**

```
num1 = '10'
```

```
num2 = '20'
```

```
sum = num1 + num2
```

```
print(sum)
```

Question 1 Answer

☐

a.

Error

☒

b.

1020

☐

c.

10

☐

d.

30

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

**What is the order of precedence in python?**

1. **Multiplication**

2. **Division**

3. **Parentheses**

4. **Addition**



## 5. Exponentiation

Question 2 Answer

☐

a.

**3,1,2,4,5**

☐

b.

**1,2,3,4,5**

☐

c.

**1,5,2,4,3**

**3,1,2,4,5**

☒


d.

**3,5,1,2,4**

## Question 3

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code

```
print(bool(0), bool(3.14159), bool(-3), bool(1.0+1j))
```

Question 3 Answer

☐

a.

- False True False True

☐

b.

- True True False True

☒

c.

- False True True True

☐

d.

- True True False False

## Question 4

Complete

Marked out of 1.00



Flag question

### Question text

What is the output of the following code

```
x = 4
```

```
    y = 10
```

```
print(x % y)
```

Question 4 Answer

☐

a.

10

☐

b.

6

☒

c.

4

☐

d.

1

## Question 5

Complete

Marked out of 1.00



Flag question

### Question text

What is the two's complement of -44?

Question 5 Answer

☐

a.

1011011

☒

b.

11010100

☐

c.

10110011


☐  
d.

11101011

## Question 6

Complete

Marked out of 1.00

 Flag question

### Question text

What is the value of the expression

```
print(100 / 25)
```

```
print(100//25)
```

Question 6 Answer

☒

a.

4.0

4

☐

b.

4

4

☐

c.

4.0

4.0

☐

d.


4.0

4.00

## Question 7

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code

```
x = 5
```

```
y = 3
```

```
print(x == y)
```

Question 7 Answer

Question / Answer

☐

a.

True

☐

b.

5==3

☒

c.

False

☐


d.

Error

## Question 8

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code

```
x = 1j
```

```
#display x:
```

```
print(x)
```

```
#display the data type of x:
```

```
print(type(x))
```

Question 8 Answer

☐

a.

**1**

**<class 'int'>**

☐

b.

**1j.0**

**<class 'float'>**

☐

c.

**1j**

**<class 'object'>**

☒

d.


**1j**

**<class 'complex'>**

## Question 9

Complete

Marked out of 1.00

 Flag question

### Question text

Which is the following is an Arithmetic operator in Python?

1. // (floor division) operator
2. & (binary and) operator
3. ~ (navigation) operator
4. >> (right shift) operator

Question 9 Answer

☐

a.

2

☐

b.

4

☒

c.

1

☐


d.

3

### Question 10

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output of statement `2**2**2**2`

Question 10 Answer

☐

a.

16

☐

b.

256

☒

c.

65536


☐

d.

32768

### Question 11

Complete  
Marked out of 1.00

 Flag question

### Question text

What will be the output of the following statement?


```
print(15 + 20 / 5 + 3 * 2 - 1)
```

Question 11 Answer

- ☐ a.  
19.0
- ☐ b.  
12
- ☒ c.  
24.0
- ☐ d.  
19

### Question 12

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following assignment operator?

```
y = 10  
x = y += 2  
  
print(x)
```


Question 12 Answer

- ☒ a.  
Syntax Error
- ☐ b.  
14
- ☐ c.  
12
- ☐ d.  
10

### Question 13

Complete

Marked out of 1.00

 Flag question

#### Question text

**What is the output of the following expression?**

```
z=2
```

```
z**=3
```

```
print(z)
```

Question 13 Answer

☐

a.

3

☒

b.

8

☐

c.

0

☐


d.

Error

### Question 14

Complete

Marked out of 1.00

 Flag question

#### Question text

**What will be the value of x in the following Python expression, if the result of that expression is 2?**

```
x>>2
```

Question 14 Answer

☐

a.

8

☐

b.

2

☐

c.

1

☒


d.

4

## Question 15

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following is not a valid variable name in Python?

Question 15 Answer

☐

a.

**var11**

☐

b.

**var\_name**

☒

c.

**5var**

☐

d.

**\_var**

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**Started on** Wednesday, 14 August 2024, 1:38 PM

**State** Finished

**Completed on** Wednesday, 14 August 2024, 1:54 PM

**Time taken** 16 mins 40 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

Ahaana wants to make a fun program , if user enters any number a “Good” or “funny” message will appear . She is confused that which is the most suitable control to be used to make such program. Help her to choose correct option.

Question 1 Answer



a.

if else



b.

Nested if



c.

If



d.

if elif

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

```
if(x=-1):
```

```
    print("present")
```

```
else:
```

```
    print("absent")
```

Question 2 Answer



a.

Runtime Error



b.

compilation error

☐

c.

absent

☐

d.

present

### Question 3

Complete

Marked out of 1.00



Flag question

#### Question text

**selection is implemented with the help of \_\_\_\_\_ statement**

Question 3 Answer

☒

a.

if..else

☐

b.

for loop

☐

c.

while loop

### Question 4

Complete

Marked out of 1.00



Flag question

#### Question text

What is the output of the following code

```
x=3
```

```
if x>2 or x<5 and x==6:
```

```
    print("ok")
```

```
else:
```

```
    print("no output")
```

Question 4 Answer

☐

a.

error

☐

b.

None of the given option

☒

c.

no output

☐


d.

ok

## Question 5

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following statements correctly represents taking input from user in python?

Question 5 Answer

☒

a.

a=input("Enter the value")

☐

b.

a=inp("Enter the value")

☐

c.

a=get("Enter the value")

☐


d.

None of the mentioned

## Question 6

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output for the following code?

if 1-1:

print("python")

else:

print("0 is false")

Question 6 Answer

☐

a.

python

☒

b.

0 is false


☐

c.

Error

## Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text

```
if(x=-1):  
    print("present")
```


```
else:  
    print("absent")
```

Question 7 Answer

- ☐ a.  
present
- ☒ b.  
compilation error
- ☐ c.  
absent
- ☐ d.  
Runtime Error

## Question 8

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following options correctly prints the phrase “Hurry Up!!”?

Question 8 Answer

- ☐ a.  
print\_sentence(Hurry Up!!!)
- ☐ b.  
printf(“Hurry Up!!”)
- ☐ c.  
print(Hurry Up!!!)
- ☒ d.  
print(“Hurry Up!!”)

## Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text

x,y=1,2

if(x or y):

    print("1")

else:

    print("0")

Question 9 Answer

☐

a.

Compile time error

☒

b.

1

☐

c.

0

☐


d.

Runtime error

### Question 10

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output

a, b, c = 1, 3, 5

if a + b + c:

    print("Hello")

else:

    print("Know Program")

Question 10 Answer

☐

a.

Compiled Successfully, No Output.

☒

b.

Hello

☐

c.

Know Program

☐


d.

Error

## Question 11

Complete

Marked out of 1.00

 Flag question

### Question text

To write else statement in if-elif ladder is mandatory?


Question 11 Answer

- ☐ a.  
True
- ☒ b.  
False

## Question 12

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output of the given code?

```
x,y=1,1
```

```
if(x==y):
```

```
    print("equal")
```

```
if(x>y):
```

```
    print("1")
```

```
else:
```


```
    print("0")
```

Question 12 Answer

- ☒ a.  
equal
- ☐ b.  
equal
- ☐ c.  
0
- ☐ d.  
1

## Question 13

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the given below program?

**a = 25**

**if a > 15:**

**print("Hi")**

**if a <= 30:**

**print("Hello")**

**else:**

**print("Know Program")**

Question 13 Answer

☐

a.

Hello

Know Program

☐

b.

Hello

☒

c.

Hi

Hello

☐


d.

Hi

Know Program

### Question 14

Complete  
Marked out of 1.00

 Flag question

### Question text

What will be the output for the following code?

if False:

    print("1001")

else:

    print("2002")

Question 14 Answer

☐

a.


1001

☐ b.  
syntax error

☒ c.  
2002

## Question 15

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following code.



Question 15 Answer

☐ a.  
REC  
REC

☐ b.  
false  
REC

☐ c.  
No output  
REC

☒ d.  
REC

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# CS23336-Introduction to Python Programming

**Started on** Wednesday, 28 August 2024, 1:44 PM

**State** Finished

**Completed on** Wednesday, 28 August 2024, 1:58 PM

**Time taken** 14 mins 22 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

Which keyword is used to begin the definition of a function?

Question 1 Answer

- ☒ a. def
- ☐ b. DEF
- ☐ c. Define
- ☐ d. Def

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

Write the output of : `print(abs(-45))`

Question 2 Answer

- ☐ a. None of the mentioned
- ☒ b. 45
- ☐ c. -45
- ☐ d. 45.0

## Question 3

Complete

Marked out of 1.00



Flag question

### Question text


In a program, a function can be called \_\_\_\_\_ times.

Question 3 Answer

- ☐
- a.  
2
- ☒
- b.  
Multiple times
- ☐
- c.  
3
- ☐
- d.  
5

## Question 4

Complete  
Marked out of 1.00

 Flag question

### Question text


Which module is to be imported for using randint( ) function?

Question 4 Answer

- ☐
- a.  
randrange
- ☐
- b.  
rand
- ☐
- c.  
randomrange
- ☒
- d.  
random

## Question 5

Complete  
Marked out of 1.00

 Flag question

### Question text


6. Which of the following is not the built-in function?

Question 5 Answer

- ☐
- a.  
input( )
- ☒
- b.  
dictionary( )
- ☐
- c.  
tuple( )
- ☐
- d.  
print( )

## Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text


def cal(n1) : What is n1?

Question 6 Answer

- ☐ a.  
Keyword
- ☐ b.  
Parameter
- ☒ c.  
Argument
- ☐ d.  
None of the mentioned

### Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text


The part of the program where a variable is accessible is known as the \_\_\_\_ of that variable

Question 7 Answer

- ☐ a.  
none of the mentioned
- ☐ b.  
part
- ☒ c.  
scope
- ☐ d.  
module

### Question 8

Complete  
Marked out of 1.00

 Flag question

### Question text


Functions which do not return any value is called \_\_\_\_.

Question 8 Answer

- ☐ a.  
null function
- ☐ b.  
default function
- ☒ c.  
void function
- ☐ d.  
zero function

### Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following function definition header is wrong?

Question 9 Answer

- ☐ a.  
def mul(p1, n1, m1):
- ☐ b.  
def scan(p1, p2 = 4, p3 = 5):
- ☐ c.  
def sum(n1, n2, n = 3):
- ☒ d.  
def div(p1=4, p2, p3):

### Question 10

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following function call?


```
def fun1(num):  
    return num + 25  
fun1(5)  
print(num)
```

Question 10 Answer

- ☐ a.  
25
- ☐ b.  
num
- ☐ c.  
5
- ☒ d.  
NameError

### Question 11

Complete  
Marked out of 1.00

 Flag question

### Question text


cal(n1) : What is n1?

Question 11 Answer

- ☐
- a.  
Keyword
- ☒
- b.  
Argument
- ☐
- c.  
None of the mentioned
- ☐
- d.  
Parameter

## Question 12

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following statement is a function call?

Question 12 Answer

- ☒
- a.  
sum( )
- ☐
- b.  
def sum( )
- ☐
- c.  
function sum( )
- ☐
- d.  
call sum( )

## Question 13

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following are advantages of using function in program?

Question 13 Answer

- ☐
- a.  
It increases reusability.
- ☒
- b.  
All of the mentioned
- ☐
- c.  
It makes debugging easier.
- ☐
- d.  
It increases readability of program.

## Question 14

Complete  
Marked out of 1.00

 Flag question

### Question text

\_\_\_\_\_ can be defined as a named group of instructions that accomplish a specific task when it is invoked/called.

Question 14 Answer

Question 14 Answer

- ☐
- a.  
Datatype
- ☐
- b.  
Token
- ☒
- c.  
Function
- ☐
- d.  
Operator

## Question 15

Complete

Marked out of 1.00



Flag question

### Question text

Which of the following statement is not true regarding functions?

Question 15 Answer

- ☐
- a.  
Function header always ends with a colon (:).
- ☒
- b.  
A function definition begins with "define"
- ☐
- c.  
A function may or may not have parameters.
- ☐
- d.  
A function may or may not return value.

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# CS23336-Introduction to Python Programming

**Started on** Wednesday, 28 August 2024, 8:21 PM

**State** Finished

**Completed on** Wednesday, 28 August 2024, 8:33 PM

**Time taken** 11 mins 46 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

Which of the following are valid string manipulation functions in Python?

Question 1 Answer

☐

a.

count()

☒

b.

All of the mentioned

☐

c.

strip()

☐

d.

upper()

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

What is the output of the following code?

```
line = "What will have so will"
L = line.split('a')
for i in L:
    print(i, end= ' ')
```

Question 2 Answer

☐

a.

['Wh', 't will h', 've so will']

☐

b.

What will have so will

☐

c.

['What', 'will', 'have', 'so', 'will']



d.

Wh t will h ve so will

### Question 3

Complete

Marked out of 1.00



Flag question

#### Question text

What is the output of the following?

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

Question 3 Answer



a.

0 1 2 3 0



b.

Error



c.

0 1 2



d.

0 1 2 0

### Question 4

Complete

Marked out of 1.00



Flag question

#### Question text

What is the output of the following Code?

```
print(ord('C'))
```

Answer: Question 4


67

### Question 5

Complete



Marked out of 1.00

 Flag question

### Question text

What is the output of the following code ?

```
print('raining'. find('z'))
```

Question 5 Answer

☐

a.

[Type error](#)

☐

b.

Not Found

☐

c.

"

☒


d.

-1

### Question 6

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code?

```
my_string = "arvjayakumar"  
i = "i"  
while i in my_string:  
    print(i, end = " ")
```

Question 6 Answer

☒

a.

None

☐

b.

arvjayakumar

☐

c.

a r v j a y a k u m a r

☐


d.

i i i i i i . . .

### Question 7

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output of the following code?

```
a = '2'
```

```
b = '1'
```


```
print(a+b)
```

Answer: Question 7

### Question 8

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code ?

```
example = "snow world"  
example[3] = 's'  
print example
```

Question 8 Answer

☐

a.

snos world

☐

b.

snow

☒

c.

Error

☐


d.

snow world

### Question 9

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code ?

```
a = '''A
```

```
B
```

```
C'''
```

```
print(a)
```

### Question 9 Answer

☐

a.

**ABC**

☐

b.

**A**

**BC**

☒

c.

**A**

**B**

**C**

☐


d.

**Error**

## Question 10

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following Code?


```
print(ord('D'))
```

Answer: Question 10

## Question 11

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following code?

```
my_string = 'arvijayakumar'
for i in range(my_string):
    print(i)
```

### Question 11 Answer

☐

a.

None

☒

b.

Error

☐

c.


0 1 2 3 ... 12

1.

☐  
d.  
arvjayakumar

## Question 12

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following code ?


```
str = "Welcome"  
str[2] = 'a'  
print(str)
```

Question 12 Answer

- ☐  
a.  
Welcomea
- ☒  
b.  
Error
- ☐  
c.  
aWelcome
- ☐  
d.  
Weacome

## Question 13

Complete  
Marked out of 1.00

 Flag question

### Question text


Python considered the character enclosed in triple quotes as String.

Question 13 Select one:

- ☒ True  
☐ False

## Question 14

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following Code?

```
print(chr(70))
```

## Question 15

Complete

Marked out of 1.00



Flag question

### Question text

What is the output of the following code?

```
print('Ab!2'.swapcase())
```

Question 15 Answer

- ☐ a.  
aB1@
- ☐ b.  
AB!@
- ☒ c.  
aB!2
- ☐ d.  
ab12

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REC-OCATS-1

# CS23336-Introduction to Python Programming

**Started on** Friday, 30 August 2024, 12:43 PM

**State** Finished

**Completed on** Friday, 30 August 2024, 12:53 PM

**Time taken** 9 mins 48 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

**Fill in the blanks with same word in both places**

```
>>> import _____  
>>> list1 = [1,2,3,4,5]  
>>> list2 = _____copy(list1)  
>>> list2
```

Question 1 Answer



a.

Pickle



b.

Copy



c.

Math

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

Find the output?

```
list1 = list('REC_CSE_ECE')
```

```
print('r' not in list1)
```

Question 2 Answer



a.

False



b.

true



c.

false




d.

True

### Question 3

Complete

Marked out of 1.00

 Flag question

#### Question text

Choose a correct representation of list

Question 3 Answer



a.

{10,20,30,'REC'}



b.

[10,20,30,'REC']



c.

(10,20,30,'REC')




d.

10,20,30,REC

### Question 4

Complete

Marked out of 1.00

 Flag question

#### Question text

Find the output?

```
list1 = [1, 2, 3, 4,1,2,3]
```

```
print(list1.pop())
```

Question 4 Answer



a.

1



b.

3



c.

[ ]




d.

2

## Question 5

Complete  
Marked out of 1.00

 Flag question

### Question text

What will be the output after the following statements?

```
m = [15, 65, 105]
```

```
n = 5 in m  
print(n)
```

Question 5 Answer

☐

a.

15

☐

b.

[15, 65, 105]

☐

c.

True


☒

d.

False

## Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text

Which of the following is a standard Python library function and not an exclusively list function?

Question 6 Answer

☒

a.

len()

☐

b.

pop()

☐

c.

remove()

☐

d.


append()

## Question 7

Complete



Marked out of 1.00

 Flag question

### Question text

Find the output?

```
list3=[]
```

```
list1 ='REC_CSE_ECE'
```

```
list2= list1.split('_')
```

```
for i in list2:
```

```
    list3.extend(i)
```

```
print(len(list3))
```

Question 7 Answer

☐

a.

11

☐

b.

12

☒

c.

9

☐


d.

3

### Question 8

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following searches for an element in a list and returns its index?

Question 8 Answer

☐

a.

find()

☒

b.

index()

☐

c.

search()


☐

d.

pop()

### Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text

What will be the output of the following Python code?


```
1. >>>list1 = [11, 2, 23]
2. >>>list2 = [11, 2, 2]
3. >>>list1 < list2
```

Question 9 Answer

- ☒ a.  
False
- ☐ b.  
True
- ☐ c.  
Error

### Question 10

Complete  
Marked out of 1.00

 Flag question

### Question text

```
1. def f(values):
2.     values[0] = 44
3. v = [1, 2, 3]
4. f(v)
5. print(v)
```

Answer: Question 10

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# CS23336-Introduction to Python Programming

**Started on** Saturday, 19 October 2024, 8:08 PM

**State** Finished

**Completed on** Saturday, 19 October 2024, 8:27 PM

**Time taken** 19 mins 8 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

What will the below Python code do?

```
set1={2,3}
```

```
set2={3,2}
```

```
set3={2,1}
```

```
if(set1==set2):
```

```
    print("yes")
```

```
else:
```

```
    print("no")
```

```
if(set1==set3):
```

```
    print("yes")
```

```
else:
```

```
    print("no")
```

Question 1 Answer

☐

a.

Yes, No

☐

b.

"==" is not supported for set in Python

☐

c.

Yes, Yes

☒

d.

No, No

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

Select all the correct options to remove “ECE” from the set.

```
sampleSet = {"ECE", "R&A", "MCT"}
```

Question 2 Answer

☐

a.

```
del.sampleSet("ECE")
```

☒

b.

```
sampleSet.discard("ECE")
```

☐

c.

```
sampleSet.delete("ECE")
```

☐


d.

```
remove.sampleSet("ECE")
```

### Question 3

Complete

Marked out of 1.00

 Flag question

#### Question text

What will be printed when the following code executes?

```
a = ("Python Programming")
```

```
print type(a)
```

Question 3 Answer

☐

a.

```
<class 'int'>
```

☐

b.

```
<class 'str'>
```

☒

c.

```
<class 'tuple'>
```

☐


d.

```
str
```

### Question 4

Complete

Marked out of 1.00

 Flag question

#### Question text

What will be the output of following Python code?


```
list1=[1,3,4,2]
x=list1.pop(2)
print(set([x]))
```

Question 4 Answer

- ☐ a.  
{1,3,4}
- ☐ b.  
{2}
- ☐ c.  
{1,3,2}
- ☒ d.  
{4}

## Question 5

Complete  
Marked out of 1.00

 Flag question

### Question text

What will be the output of following Python code?


```
set1={2,5,3}
set2={3,1}
set3={}
set3=set1&set2
print(set3)
```

Question 5 Answer

- ☒ a.  
{3}
- ☐ b.  
{2,5,3,1}
- ☐ c.  
{}
- ☐ d.  
{2,5,1}

## Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the output of the following union operation

```
set1 = {10, 20, 30, 40}  
set2 = {50, 20, "10", 60}
```

```
set3 = set1.union(set2)  
print(set3)
```

Question 6 Answer

☐

a.

SynatxError: Different types cannot be used with sets

☐

b.

{40, '10', 50, 20, 60, 30}

☒

c.

{40, 10, '10', 50, 20, 60, 30}


☐

d.

{40, 10, 50, 20, 60, 30}

### Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text

Choose the correct option.

Question 7 Answer

☐

a.

In Python, a tuple can contain only integers as its elements.

☒

b.

In Python, a tuple can contain both integers and strings as its elements.

☐

c.

In Python, a tuple can contain either string or integer but not both at a time.

☐


d.

In Python, a tuple can contain only strings as its elements.

## Question 8

Complete

Marked out of 1.00

 Flag question

### Question text

What is printed when the following code is run?

```
tup = ('30', '3', '2', '8')
print(sorted(tup,reverse = True))
```

Question 8 Answer

☐

a.

['8', '30', '3', '2']

☐

b.

['2', '3', '30', '8']

☒

c.

['30', '8', '3', '2']

☐


d.

['2', '3', '8', '30']

## Question 9

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following is a Python tuple?

Question 9 Answer

☒

a.

(1,4,5,6,7)

☐

b.

[1,2,3,4]

☐

c.

{1,3,8,9,41}

☐


d.

("Wonder")

## Question 10

Complete

Marked out of 1.00

 Flag question

### Question text

A python tuple can be created without using any parentheses. (True/False)

Question 10 Answer



a.

True




b.

False

### Question 11

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the following

```
set1 = {10, 20, 30, 40, 50}
set2 = {60, 70, 10, 30, 40, 80, 20, 50}
```

```
print(set1.issubset(set2))
print(set2.issuperset(set1))
```

Question 11 Answer



a.

True

True



b.

False

True



c.

True

False



d.


False

False

### Question 12

Complete

Marked out of 1.00

 Flag question

### Question text

Find the output of the given Python program?

```
t1 = (1,2,3,(4,5))
```



```
t2 = (3,2,1,(4,5))  
print(t1>t2)
```

Question 12 Answer

☐

a.

Error

☒

b.

False

☐

c.

True

☐


d.

Error

## Question 13

Complete

Marked out of 1.00

 Flag question

### Question text

Select which is true for Python tuple?

Question 13 Answer

☐

a.

None of these

☐

b.

A tuple is unordered

☒

c.

A tuple maintains the order of items

☐


d.

We can change the tuple once created

## Question 14

Complete

Marked out of 1.00

 Flag question

### Question text

What is the output of the given below program?

```
my_t1 = (1, 2, 3, 4)
```

```
my_t1.append( (5, 6, 7) )
```

```
print(len(my_t1))
```

#### Question 14 Answer

☐

a.

2

☐

b.

5

☒

c.

Error

☐


d.

1

## Question 15

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output of following Python code?

```
set1={0,0,9}
```

```
print(set1)
```

#### Question 15 Answer

☐

a.

{0,0,9}

☒

b.

{0,9}

☐

c.

{9}

☐

d.

It will throw an error as there are two 0 while creating the set.

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# CS23336-Introduction to Python Programming

**Started on** Saturday, 19 October 2024, 10:56 PM

**State** Finished


**Completed on** Saturday, 19 October 2024, 11:08 PM

**Time taken** 12 mins 26 secs

## Question 1

Complete

Marked out of 1.00

Flag question

### Question text

\_\_\_\_\_ datatype fall under mapping.

Question 1 Answer

☐

a.

List

☐

b.

String

☒

c.

Dictionary

☐


d.

Tuple

## Question 2

Complete

Marked out of 1.00

Flag question

### Question text

Which of the following are true of Python dictionaries:

- a) All the keys in a dictionary must be of the same type.
- b) Items are accessed by their position in a dictionary.
- c) A dictionary can contain any object type except another dictionary.
- d) Dictionaries can be nested to any depth.
- e) Dictionaries are mutable.
- f) Dictionaries are accessed by key.

Question 2 Answer

☐

a.

b,c

☐

b.

c,d,e

☒

c.

d,e,f

☐


d.

a,b

### Question 3

Complete

Marked out of 1.00

 Flag question

#### Question text

\_\_\_\_\_ function returns the number of key: value pairs of the dictionary.

Question 3 Answer

☒

a.

items( )

☐

b.

len( )

☐

c.

total( )

☐


d.

length( )

### Question 4

Complete

Marked out of 1.00

 Flag question

#### Question text

Which of the following is not method of dictionary?

Question 4 Answer

☐

a.

del ( )

☐

b.

update( )

☐

c.

pop( )

☒


d.

len( )

### Question 5

Complete

Marked out of 1.00

 Flag question

#### Question text

Following statement return values in the form of: D1.keys() # D1 is a dictionary

Question 5 Answer

☒

a.

dictionary


☐

b.

- string
- ☐
- c.
- tuple
- ☐
- d.
- list

## Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text


Dictionaries are flexible in nature, means elements can be added or removed from it.

Question 6 Answer

- ☒
- a.
- True
- ☐
- b.
- False

## Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text


A = {"A" : "Apple", "B" : "Ball", "C" : "Cat"} Which of the following statement will return : dict\_items([('A', 'Apple'), ('B', 'Ball'), ('C', 'Cat')])

Question 7 Answer

- ☐
- a.
- print(A.keys( ))
- ☐
- b.
- print(A.get( ))
- ☒
- c.
- print(A.Items( ))
- ☐
- d.
- print(A.values( ))

## Question 8

Complete  
Marked out of 1.00

 Flag question

### Question text

1,2,3 are the \_\_\_\_ in the following dictionary. D = {1 : "One", 2 : "Two", 3 : "Three"}


Question 8 Answer

- ☒
- a.
- Keys
- ☐
- b.
- None of the mentioned
- ☐
- c.
- Items
- ☐

- d.  
Values

## Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text


Keys in dictionary are \_\_\_\_.

Question 9 Answer

- ☐ a.  
antique
- ☐ b.  
integers
- ☐ c.  
Mutable
- ☒ d.  
Immutable

## Question 10

Complete  
Marked out of 1.00

 Flag question

### Question text


Both keys and values are unique in dictionary.

Question 10 Answer

- ☒ a.  
False
- ☐ b.  
True

## Question 11

Complete  
Marked out of 1.00

 Flag question

### Question text

In dictionary Keys and values are separated by \_\_\_\_.


Question 11 Answer

- ☐ a.  
dot(.)
- ☒ b.  
Colon ( : )
- ☐ c.  
Comma( , )
- ☐

- d.
- Semicolon(;)

## Question 12

Complete  
Marked out of 1.00

 Flag question

### Question text


Which statement is used to create an empty dictionary?

Question 12 Answer

- ☐ a.  
d1 = ( )
- ☐ b.  
d1 = dict{ }
- ☐ c.  
d1 = [ ]
- ☒ d.  
d1 = { }

## Question 13

Complete  
Marked out of 1.00

 Flag question

### Question text


Dictionary is a \_\_\_\_ data type.

Question 13 Answer

- ☐ a.  
Sequence
- ☐ b.  
Mapping
- ☐ c.  
None of the mentioned
- ☒ d.  
Ordered

## Question 14

Complete  
Marked out of 1.00

 Flag question

### Question text

Which one of the following is correct?

Question 14 Answer

☐

a.

A python, a dictionary can neither have two same keys nor two same values.

☐

b.

A dictionary can have two same keys or same values but cannot have two same key-value pair

☒

c.

A dictionary can have two same values with different keys.

☐


d.

A dictionary can have two same keys with different values.

## Question 15

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following function create a dictionary from a sequence of key-value pairs

Question 15 Answer

☐

a.

create( )

☐

b.

convert( )

☒

c.

dict( )

☐

d.

dictionary( )

Finish review

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# CS23336-Introduction to Python Programming

**Started on** Wednesday, 30 October 2024, 6:13 PM

**State** Finished


**Completed on** Wednesday, 30 October 2024, 6:27 PM

**Time taken** 13 mins 50 secs

## Question 1

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following is not a limitation of binary search algorithm?

Question 1 Answer

☐

a.

There must be a mechanism to access middle element directly

☒

b.

Binary search algorithm is not efficient when the data elements more than 1500

☐

c.

Must use a sorted array

☐


d.

Requirement of sorted array is expensive when a lot of insertion and deletions are needed

## Question 2

Complete

Marked out of 1.00

 Flag question

### Question text

During a linear search, what is the maximum number of comparisons needed to find an element in a list of size n?

Question 2 Answer

☐

a.

n-1

☐

b.

n/2

☒

c.

n

☐


d.

log n

## Question 3

Complete

Marked out of 1.00

 Flag question

### Question text


If a list contains 1000 elements, how many comparisons would a binary search typically make in the worst case?

Question 3 Answer

- ☐
- a.  
500
- ☒
- b.  
10
- ☐
- c.  
1000
- ☐
- d.  
100

### Question 4

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following is a type of searching method?

Question 4 Answer

- ☒
- a.  
Linear search
- ☐
- b.  
Merge search
- ☐
- c.  
Quick search
- ☐
- d.  
Bubble search

### Question 5

Complete  
Marked out of 1.00

 Flag question

### Question text

\_\_\_\_\_ search takes a sorted/ordered list and divides it in the middle.

Question 5 Answer

- ☐
- a.  
Hash
- ☐
- b.  
Linear
- ☐
- c.  
Both (1) & (3)
- ☒
- d.

Binary

## Question 6

Complete

Marked out of 1.00



Flag question

### Question text

In binary search, how is the middle element determined?

Question 6 Answer

☐

a.  
By comparing each element sequentially

☒

b.  
By dividing the list length by two

☐

c.  
By starting from the first element

☐

d.  
By using a hash function

## Question 7

Complete

Marked out of 1.00



Flag question

### Question text

What is searching in the context of computer science?

Question 7 Answer

☐

a.  
Deleting elements from a list

☐

b.  
Sorting elements in a list

☐

c.  
Inserting elements into a list

☒

d.  
Determining whether an element is present in a list

## Question 8

Complete

Marked out of 1.00



Flag question

### Question text

In linear search, how is the element searched?

Question 8 Answer

☒

a.  
By comparing each element in the list sequentially

☐

b.  
By dividing the list into halves

☐


c.  
By sorting the list first

☐

- d.  
By using a hash function

## Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text


Which of the following is a limitation of binary search?

Question 9 Answer

- ☐
- a.  
It is slower than linear search for small lists
- ☐
- b.  
It does not work with negative numbers
- ☐
- c.  
It can only be applied to large lists
- ☒
- d.  
It requires the list to be sorted

## Question 10

Complete  
Marked out of 1.00

 Flag question

### Question text


What is the time complexity of binary search in the worst case?

Question 10 Answer

- ☐
- a.  
 $O(n)$
- ☒
- b.  
 $O(\log n)$
- ☐
- c.  
 $O(n \log n)$
- ☐
- d.  
 $O(1)$

## Question 11

Complete  
Marked out of 1.00

 Flag question

### Question text

The average case occurs in the linear search algorithm

Question 11 Answer

- ☒
- a.  
When the item is somewhere in the middle of the array
- ☐
- b.  
Item is the last element in the array or item is not there at all

☐

c.

When the item is not the array at all

☐

d.

When the item is the last element in the array

## Question 12

Complete

Marked out of 1.00



Flag question

### Question text

If the target element is greater than the middle element in binary search, where does the search continue?

Question 12 Answer

☐

a.

At the beginning of the list

☐

b.

In the left sublist

☒

c.

In the right sublist

☐

d.

In the middle of the list

## Question 13

Complete

Marked out of 1.00



Flag question

### Question text

Given an array  $arr = \{45, 77, 89, 90, 94, 99, 100\}$  and  $key = 99$ ; what are the mid values(corresponding array elements) in the first and second levels of recursion?

Question 13 Answer

☐

a.

89 and 99

☐

b.

89 and 94

☒

c.

90 and 99

☐

d.

90 and 94

## Question 14

Complete

Marked out of 1.00



Flag question

### Question text

In which situation is linear search more efficient than binary search?

Question 14 Answer



a.

When the list is small and unsorted



b.

When the list is small and sorted



c.

When the list is large and unsorted



d.

When the list is large and sorted

### Question 15

Complete

Marked out of 1.00



Flag question

### Question text

In binary search, what happens if the middle element does not match the target element?

Question 15 Answer



a.

The search stops



b.

The search continues in the left or right sublist



c.

The search continues from the beginning



d.

The list is sorted

Finish review

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# CS23336-Introduction to Python Programming

**Started on** Thursday, 7 November 2024, 10:11 PM

**State** Finished


**Completed on** Thursday, 7 November 2024, 10:26 PM

**Time taken** 14 mins 53 secs

## Question 1

Complete

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 Flag question

### Question text

Which sorting algorithm would be preferred for its divide-and-conquer approach?


Question 1 Answer

- ☐ a. Linear Search
- ☐ b. Bubble Sort
- ☐ c. Binary Search
- ☒ d. Merge Sort

## Question 2

Complete

Marked out of 1.00

 Flag question

### Question text

What is sorting in the context of computer science?


Question 2 Answer

- ☐ a. Searching for data in a list
- ☐ b. Inserting data into a list
- ☒ c. Arranging data in a particular format
- ☐ d. Deleting data from a list

## Question 3

Complete

Marked out of 1.00

 Flag question

### Question text

What is a significant characteristic of Bubble Sort?

### Question 3 Answer

☐

a.

It uses the heap data structure

☐

b.

It divides the list into sublists

☒

c.

It bubbles up the largest element in each pass

☐

d.

It recursively sorts subproblems

## Question 4

Complete

Marked out of 1.00



Flag question

### Question text

Which sorting algorithm is described as making multiple passes through a list, comparing elements, and swapping adjacent items that are out of order?

### Question 4 Answer

☐

a.

Quick Sort

☒

b.

Bubble Sort

☐

c.

Insertion Sort

☐

d.

Merge Sort

## Question 5

Complete

Marked out of 1.00



Flag question

### Question text

Why is it advantageous to sort data before performing duplicate analysis?

### Question 5 Answer

☐

a.

It has no effect on the analysis process

☒

b.

It allows for quicker identification of duplicates

☐

c.

It makes the analysis slower

☐

d.

It complicates the analysis process

## Question 6

Complete

Marked out of 1.00



Flag question

### Question text




Which of the following best describes the term "sorting" in computer science?

Question 6 Answer

- ☒ a. Arranging data in a specific order
- ☐ b. Merging two datasets
- ☐ c. Finding a specific element in a list
- ☐ d. Removing duplicates from a list

## Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text


\_\_\_\_\_ is putting an element in the appropriate place in a sorted list yields a larger sorted order list.

Question 7 Answer

- ☐ a. Selection
- ☒ b. Insertion
- ☐ c. Distribution
- ☐ d. Extraction

## Question 8

Complete  
Marked out of 1.00

 Flag question

### Question text


What is a key disadvantage of Bubble Sort compared to more advanced algorithms like Merge Sort?

Question 8 Answer

- ☐ a. Bubble Sort is difficult to implement
- ☐ b. Bubble Sort does not guarantee sorted order
- ☒ c. Bubble Sort is less efficient for large lists
- ☐ d. Bubble Sort cannot handle duplicate elements

## Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text


Which algorithm is efficient for analyzing the frequency distribution of items in a list?

Question 9 Answer

- ☐ a. Bubble Sort
- ☒ b. Linear Search
- ☐ c. Merge Sort
- ☐ d. Quick Sort

### Question 10

Complete  
Marked out of 1.00

 Flag question

### Question text


Which sorting algorithm is based on repeatedly dividing the list into halves?

Question 10 Answer

- ☐ a. Quick Sort
- ☒ b. Merge Sort
- ☐ c. Bubble Sort
- ☐ d. Insertion Sort

### Question 11

Complete  
Marked out of 1.00

 Flag question

### Question text

What is mean by stable sorting algorithm?

Question 11 Answer

- ☐ a. A sorting algorithm is stable if it preserves the order of non-duplicate keys
- ☒ b. A sorting algorithm is stable if it preserves the order of duplicate keys
- ☐ c. A sorting algorithm is stable if it preserves the order of all keys
- ☐


d.

A sorting algorithm is stable if it doesn't preserve the order of duplicate keys

## Question 12

Complete

Marked out of 1.00

 Flag question

### Question text

Which sorting algorithm involves comparing elements and swapping adjacent items that are out of order?


Question 12 Answer

- ☐ a. Binary Search
- ☐ b. Linear Search
- ☒ c. Bubble Sort
- ☐ d. Merge Sort

## Question 13

Complete

Marked out of 1.00

 Flag question

### Question text

What is Bubble Sort known for?


Question 13 Answer

- ☐ a. Using the divide-and-conquer approach
- ☒ b. Bubbling up the largest element to its correct position with each pass
- ☐ c. Being the most efficient sorting algorithm
- ☐ d. Sorting data in a non-sequential manner

## Question 14

Complete

Marked out of 1.00

 Flag question

### Question text

Two-way merge sort algorithm is used to sort the following elements in ascending order.

200,470,150,80,90,40,400,300,120,70

What is the order of these elements after second pass of the merge sort algorithm?

Question 14 Answer

- ☐ a. 200,470,80,150,40,90,300,400,70,120
- ☒ b.

80,150,200,470,40,90,300,400,70,120



c.

40,70,80,90,120,150,200,300,400,470



d.

40,80,90,150,200,300,400,470,70,120

## Question 15

Complete

Marked out of 1.00



Flag question

### Question text

What is one advantage of sorting a list before performing a search operation?

Question 15 Answer



a.

It has no effect on the search operation



b.

It allows for faster searching



c.

It makes the search operation slower



d.

It increases the number of comparisons needed

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# CS23336-Introduction to Python Programming

**Started on** Sunday, 10 November 2024, 11:29 PM

**State** Finished

**Completed on** Sunday, 10 November 2024, 11:40 PM

**Time taken** 10 mins 54 secs

## Question 1

Complete

Marked out of 1.00



Flag question

### Question text

The readlines() method returns \_\_\_\_\_

Question 1 Answer

☐

a.

a list of integers

☒

b.

a list of lines

☐

c.

a list of single characters

☐

d.

str

## Question 2

Complete

Marked out of 1.00



Flag question

### Question text

How can you read a file line by line efficiently in Python?

Question 2 Answer

☐

a.

Using the readline() method

☐

b.

Using the read() method

☒

c.

Using a for loop

☐


d.

Using the readlines() method

## Question 3

Complete

Marked out of 1.00

 Flag question

### Question text

What will be the output of the following code if the file "example.txt" contains "Python Programming"?

```
f = open("example.txt", "r")  
  
print(f.read(6))  
  
f.close()
```

Question 3 Answer

☒

a.

Python

☐

b.

An error is raised

☐

c.

Program

☐


d.

Python Programming

### Question 4

Complete

Marked out of 1.00

 Flag question

### Question text

Which of the following modes opens a file for both reading and writing?

Question 4 Answer

☒

a.

r+

☐

b.

a

☐

c.

w

☐


d.

r

### Question 5

Complete

Marked out of 1.00

 Flag question

### Question text

To open a file c:\scores.txt for writing, we use \_\_\_\_

Question 5 Answer

☐


a.

outfile = open("c:\\scores.txt", "w")

- ☒ b.  
outfile = open("c:\scores.txt", "w")
- ☐ c.  
outfile = open(file = "c:\scores.txt", "w")
- ☐ d.  
outfile = open(file = "c:\\scores.txt", "w")

## Question 6

Complete  
Marked out of 1.00

 Flag question

### Question text


How do you check if a file is closed in Python?

Question 6 Answer

- ☐ a.  
file.isclosed()
- ☐ b.  
file.is\_closed()
- ☐ c.  
file.closed()
- ☒ d.  
file.closed

## Question 7

Complete  
Marked out of 1.00

 Flag question

### Question text


Which method is used to truncate a file to a specific size?

Question 7 Answer

- ☒ a.  
truncate()
- ☐ b.  
shrink()
- ☐ c.  
reduce()
- ☐ d.  
resize()

## Question 8

Complete  
Marked out of 1.00

 Flag question

### Question text


What does the encoding parameter in the open() function specify?

Question 8 Answer

- ☐ a.  
The mode of the file
- ☒ b.  
The encoding format of the file
- ☐ c.  
The size of the file
- ☐ d.  
The buffer size

## Question 9

Complete  
Marked out of 1.00

 Flag question

### Question text


Which method is used to write data to a file?

Question 9 Answer

- ☐ a.  
insert()
- ☐ b.  
read()
- ☒ c.  
write()
- ☐ d.  
append()

## Question 10

Complete  
Marked out of 1.00

 Flag question

### Question text

What is the use of seek() method in files?


Question 10 Answer

- ☐ a.  
sets the file's current position at the offset
- ☐ b.  
none of the mentioned
- ☒ c.  
sets the file's current position within the file
- ☐ d.  
sets the file's previous position at the offset

## Question 11



Complete  
Marked out of 1.00

 Flag question

### Question text

To open a file a.txt for reading, we use \_\_\_\_\_

Question 11 Answer

☐

a.

infile = open(file = "a.txt", "r")

☒

b.

infile = open("a.txt", "r")

☐

c.

infile = open("a.txt", "r")


☐

d.

infile = open(file = "a.txt", "r")

### Question 12

Complete  
Marked out of 1.00

 Flag question

### Question text

What happens if you try to open a file in write mode ('w') and the file already exists?

Question 12 Answer

☒

a.

It clears the old data and starts fresh

☐

b.

It does nothing

☐

c.

It appends data to the file


☐

d.

It raises an error

### Question 13

Complete  
Marked out of 1.00

 Flag question

### Question text

What will the read() method return if used on an empty file?

Question 13 Answer

☐

a.

EOFError

☐

b.

An empty string

☒

c.


None

☐

d.  
0

## Question 14

Complete  
Marked out of 1.00

 Flag question

### Question text


Select the correct method to write a list of lines to a file

Question 14 Answer

- ☐ a. writelist(list)
- ☐ b. write(list)
- ☐ c. None of the mentioned
- ☒ d. writelines(list)

## Question 15

Complete  
Marked out of 1.00

 Flag question

### Question text

What does the mode attribute of a file object indicate?

Question 15 Answer

- ☐ a. The size of the file
- ☐ b. The name of the file
- ☐ c. The current position of the file cursor
- ☒ d. The access mode in which the file was opened

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