

CS23336-Introduction to Python Programming

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Time taken 7 mins 15 secs

Question 1

Complete

Marked out of 1.00

Flag question

Question text

What does the buffering parameter in the open() function control?

Question 1 Answer

☐

a.

The file's read/write position

☒

b.

The buffer size for the file operations

☐

c.

The access mode of the file

☐

d.

The encoding of the file

Question 2

Complete

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Question text

`file_object.seek(offset [, reference_point])`

What is the default, the value of `reference_point`?

Question 2 Answer

☐

a.

null



b.

1



c.

garbage



d.

2



e.

0

Question 3

Complete

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Flag question

Question text

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

Question 3 Answer



a.

Using the readlines() method



b.

Using a for loop



c.

Using the read() method



d.

Using the readline() method

Question 4

Complete

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Flag question

Question text

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

Question 4 Answer

☐

a.
It does nothing

☐

b.
It raises an error

☐

c.
It appends data to the file

☒

d.
It clears the old data and starts fresh

Question 5

Complete

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Flag question

Question text

Which method is used to write a list of strings to a file?

Question 5 Answer

☐

a.
write()

☐

b.
write_all()

☒

c.
writelines()

☐

d.
write_list()

Question 6

Complete

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Flag question

Question text

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

Question 6 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 7

Complete

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Flag question

Question text

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

Question 7 Answer

☐

a.

none of the mentioned

☒

b.

sets the file's current position within the file

☐

c.

sets the file's current position at the offset

☐

d.

sets the file's previous position at the offset

Question 8

Complete

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Flag question

Question text

To open a file a.txt for reading, we use _____

Question 8 Answer

☒

a.

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

☐

b.

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

☐

c.

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

☐

d.

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

Question 9

Complete

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Flag question

Question text

What does the following code do?

```
fo = open("foo.txt", "w")
```

Question 9 Answer

☐

a.

Appends to an existing file

☐

b.

Opens an existing file in read mode

☐

c.

Opens a file in binary mode

☒

d.

Question 10

Complete

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Flag question

Question text

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

Question 10 Answer

☐

a.
The buffer size

☐

b.
The mode of the file

☒

c.
The encoding format of the file

☐

d.
The size of the file

Question 11

Complete

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Flag question

Question text

What is the result of the following code?

```
with open("example.txt", "r") as f:  
    data = f.read()  
print(data)
```

Question 11 Answer

☐

a.
Prints each line of the file

☐

b.
Prints the first 10 characters of the file

☒

c.

Prints an error message

☐

d.

Prints the entire content of the file

Question 12

Complete

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Flag question

Question text

Which method is used to close a file in Python?

Question 12 Answer

☐

a.

terminate()

☒

b.

close()

☐

c.

finish()

☐

d.

end()

Question 13

Complete

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Flag question

Question text

Which method is used to write data to a file?

Question 13 Answer

☐

a.

insert()

☒

b.

write()

☐

c.

append()

☐

d.

read()

Question 14

Complete

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Flag question

Question text

Which method is used to read file line by line

Question 14 Answer

☐

a.
readlines(1)

☐

b.
line()

☒

c.
readline()

☐

d.
read(1)

Question 15

Complete

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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 15 Answer

☒

a.
Python

☐

b.
An error is raised

☐

c.

Python Programming



d.

Program

Finish review