CS23336-Introduction to Python Programming

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Question 1

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code?

```
f = open("test.txt", "w")
f.write("Hello, world!")
f.close()
f = open("test.txt", "r")
print(f.read())
f.close()
```

Question 1 Answer

⦿ a.

Hello, world!

○ b.

Hello

○ c.

An error is raised

○ d.

world

Question 2

Complete
Marked out of 1.00
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Question text

What is the result of the following code?

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

Question 2 Answer

○ a.

Prints the first 10 characters of the file

⦿

b.

Prints the entire content of the file

○
c.

Prints an error message

○
d.

Prints each line of the file

Question 3

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 3 Answer───┐
○
a.
It appends data to the file
○
b.
It raises an error
○
c.
It does nothing
◉
d.
It clears the old data and starts fresh
└───┘

Question 4

Complete
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Flag question

Question text

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

┌─Question 4 Answer───┐
○
a.
Using the readline() method
○
b.
Using the readlines() method
◉
c.
Using a for loop
○
d.
Using the read() method
└───┘

Question 5

Complete
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Flag question

Question text

What is the use of tell() method in python?

○ a.

tells you the file is opened or not

○ b.

tells you the end position within the file

○ c.

none of the mentioned

◉ d.

tells you the current position within the file

Question 6

Complete
Marked out of 1.00
Flag question

Question text

Which function is used to open a file in Python?

Question 6 Answer

○ a.
openfile()

○ b.
open_file()

◉ c.
open()

○ d.
file()

Question 7

Complete
Marked out of 1.00
Flag question

Question text

Which method is used to close a file in Python?

Question 7 Answer

◉ a.
close()

○ b.
terminate()

○ c.
finish()

○ d.
end()

Question 8

Complete

Marked out of 1.00

Question text

What does the seek() method do in file handling?

┌─ Question 8 Answer ──────────────────────────────────────┐
○
a.
Reads the file line by line
○
b.
Writes data to the file
◉
c.
Moves the file cursor to the specified position
○
d.
Deletes the file
└──┘

Question 9

Complete
Marked out of 1.00

Question text

If the file is opened in write mode and already exists, it truncates the existing content and places the filehandle at the beginning of the file.

┌─ Question 9 Select one: ─────────────────────────────────┐
○ True
◉ False
└──┘

Question 10

Complete
Marked out of 1.00

Question text

Default EOL character of text file in python is ,

┌─ Question 10 Answer ─────────────────────────────────────┐
○
a.

space

○
b.

\t

◉
c.

\n

○
d.

,

└──┘

Question 11

Complete
Marked out of 1.00

Question text

Which method is used to read a specific number of characters from a file?

Question 11 Answer

○
a.
readline()

◉
b.
read(size)

○
c.
readchar()

○
d.
readlines()

Question 12

Complete
Marked out of 1.00
Flag question

Question text

file_object.seek(offset [, reference_point])

What is the default, the value of reference_point?

Question 12 Answer

○
a.

garbage

◉
b.

0

○
c.

1

○
d.

null

○
e.

2

Question 13

Complete
Marked out of 1.00
Flag question

Question text

Which method is used to read file line by line

Question 13 Answer

○
a.
line()

○

b.
readlines(1)
○
c.
read(1)
◉
d.
readline()

Question 14

Complete
Marked out of 1.00
⬚ Flag question

Question text

What does the following code do?

```
f = open("data.txt", "a")
f.write("Adding new data\n")
f.close()
```

┌─Question 14 Answer───
◉
a.

Overwrites the file with "Adding new data"

○
b.

Opens the file in read mode

○
c.

Appends "Adding new data" to the end of the file

○
d.

Raises an error because the file is opened in append mode
└───

Question 15

Complete
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⬚ Flag question

Question text

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

┌─Question 15 Answer───
○
a.
An empty string
○
b.
EOFError
○
c.
None
◉
d.
0
└───

Finish review

Quiz navigation

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