

CS23336-Introduction to Python Programming

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Time taken 10 mins 53 secs

Question 1

Complete

Marked out of 1.00



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Question text

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

Question 1 Answer



a.

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



b.

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



c.

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



d.

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

Question 2

Complete

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Flag question

Question text

Which method is used to read file line by line

Question 2 Answer



a.

```
readlines(1)
```



b.

```
readline()
```



c.

```
read(1)
```



d.

```
line()
```

Question 3

Complete

Marked out of 1.00



Flag question

Question text


What is the purpose of the with statement in Python file handling?

Question 3 Answer

- ☐ a.
To write data to a file
- ☐ b.
To read data from a file
- ☐ c.
To delete a file
- ☒ d.
To automatically close the file after its suite finishes

Question 4

Complete
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 Flag question

Question text


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

Question 4 Answer

- ☐ a.
tells you the file is opened or not
- ☐ b.
none of the mentioned
- ☒ c.
tells you the current position within the file
- ☐ d.
tells you the end position within the file

Question 5

Complete
Marked out of 1.00

 Flag question

Question text

Default EOL character of text file in python is ,

Question 5 Answer

- ☐ a.
\t
- ☒ b.
\n
- ☐ c.

space

☐


d.

,

Question 6

Complete

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 Flag question

Question text

Which of the following modes opens a file for writing in binary format?

Question 6 Answer

☐

a.

w

☒

b.

wb

☐

c.

rb

☐


d.

r+

Question 7

Complete

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 Flag question

Question text

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

Question 7 Answer

☒

a.

The encoding format of the file

☐

b.

The size of the file

☐

c.

The buffer size

☐


d.

The mode of the file

Question 8

Complete

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 Flag question

Question text

What does the mode attribute of a file object indicate?

Question 8 Answer

☐

a.

The current position of the file cursor

☒

b.

The access mode in which the file was opened

☐

c.

The name of the file

☐


d.

The size of the file

Question 9

Complete

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 Flag question

Question text

Select the correct output of the following code

```
fp.seek(5, 1)
```

Question 9 Answer

☐

a.

Move file pointer five characters ahead from the beginning

☒

b.

- Move file pointer five characters ahead from the current position.

☐

c.

- Move file pointer five characters behind from the current position.

☐


d.

- Move file pointer five characters behind ahead from the end of a file.

Question 10

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 10 Answer

☒

a.

It clears the old data and starts fresh

☐

b.

It does nothing

☐

c.

It raises an error


☐

d.

It appends data to the file

Question 11

Complete
Marked out of 1.00

 Flag question

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 11 Select one:

- ☒ True
- ☐ False

Question 12

Complete
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 Flag question

Question text


Which method can be used to read all lines of a file into a list?

Question 12 Answer

- ☐ a.
readlist()
- ☐ b.
read()
- ☒ c.
readlines()
- ☐ d.
readline()

Question 13

Complete
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 Flag question

Question text


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

Question 13 Answer

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

Question 14

Complete
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 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.
Raises an error because the file is opened in append mode
- ☐ b.
Overwrites the file with "Adding new data"
- ☒ c.
Appends "Adding new data" to the end of the file
- ☐ d.
Opens the file in read mode

Question 15

Complete
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 Flag question

Question text

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

Question 15 Answer

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

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