CS23336-Introduction to Python Programming

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Question 1

Complete
Marked out of 1.00
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Question text

What does the mode attribute of a file object indicate?

Question 1 Answer

○
a.
The size of the file

◉
b.
The access mode in which the file was opened

○
c.
The name of the file

○
d.
The current position of the file cursor

Question 2

Complete
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Question text

What does the following code do?

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

Question 2 Answer

◉
a.

Creates a new file for writing

○

b.

Opens a file in binary mode

○

c.

Opens an existing file in read mode

○

d.

Appends to an existing file

Question 3

Complete
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Question text

Which method is used to close a file in Python?

---Question 3 Answer---

○

a.
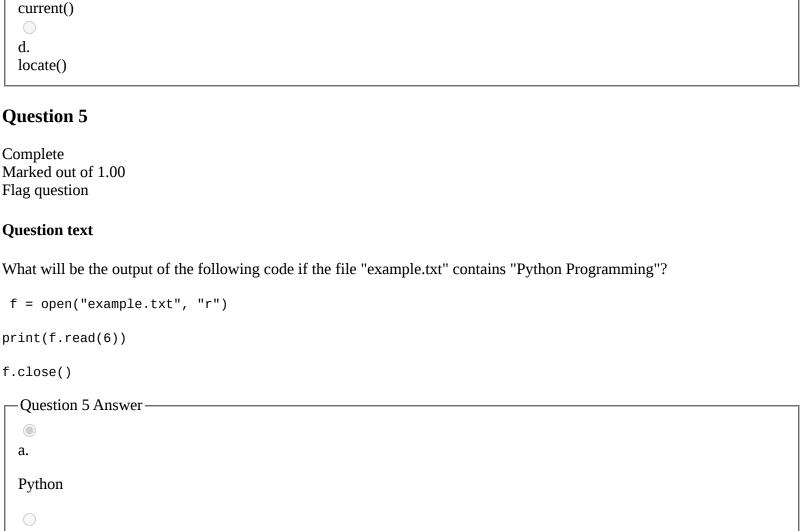terminate()

○

b.
finish()

◉

c.
close()

○

d.
end()

Question 4

Complete
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Question text

Which method is used to get the current file position?

---Question 4 Answer---

○

a.
position()

◉

b.
tell()

○

c.

current()
○
d.
locate()

Question 5

Complete
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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 5 Answer ────────────────────────────────
│ ◉
│ a.
│
│ Python
│
│ ○
│ b.
│
│ Program
│
│ ○
│ c.
│
│ An error is raised
│
│ ○
│ d.
│
│ Python Programming
└──

Question 6

Complete
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Question text

What does the following code do?

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

○

a.

Opens the file in read mode

○

b.

Raises an error because the file is opened in append mode

○

c.

Overwrites the file with "Adding new data"

◉

d.

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

Question 7

Complete
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Question text

Which of the following methods is used to read a single line from a file?

Question 7 Answer

○
a.
readlines()

○
b.
read()

◉
c.
readline()

○
d.
readline(size)

Question 8

Complete
Marked out of 1.00
Flag question

Question text

Select the incorrect file access mode

○ a.
ab+

○ b.
wb+

○ c.
r

◉ d.
rw+

Question 9

Complete
Marked out of 1.00
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Question text

What happens if you try to open a file in read mode ('r') that does not exist?

Question 9 Answer

○ a.
An empty file object is returned

○ b.
The operation is ignored

◉ c.
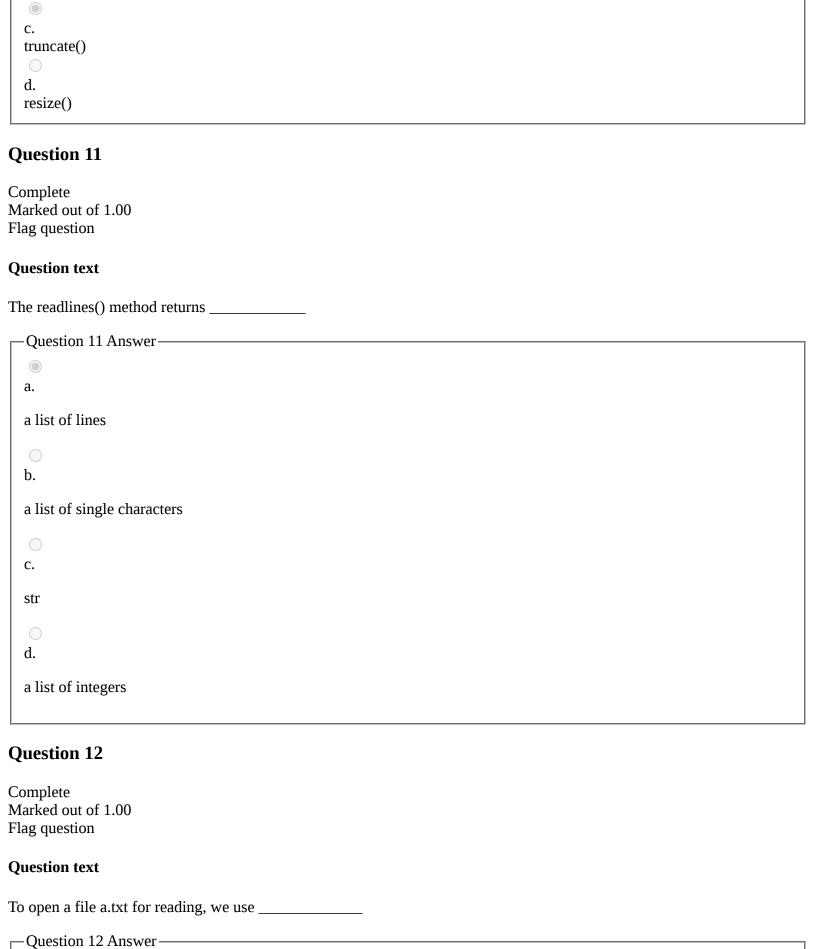An error is raised

○ d.
A new file is created

Question 10

Complete
Marked out of 1.00
Flag question

Question text

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

Question 10 Answer

○ a.
reduce()

○ b.
shrink()

○

c.

truncate()

○

d.

resize()

Question 11

Complete
Marked out of 1.00
Flag question

Question text

The readlines() method returns _____

┌─ Question 11 Answer ──

  ◉

  a.

  a list of lines

  ○

  b.

  a list of single characters

  ○

  c.

  str

  ○

  d.

  a list of integers

└───

Question 12

Complete
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Question text

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

┌─ Question 12 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 13

Complete
Marked out of 1.00
Flag question

Question text

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

Question 13 Answer

a.

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

b.

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

c.

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

d.

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

Question 14

Complete
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Flag question

Question text

Which of the following is data file?

○ a.

Text file

○ b.

none of the given choices

◉ c.
Both text and binary file

○ d.

Binary file

Question 15

Complete
Marked out of 1.00
Flag question

Question text

Default EOL character of text file in python is ,

Question 15 Answer

○ a.

,

◉ b.

\n

○ c.

\t

○ d.

space

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