# 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

**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

**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

**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
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[?] 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

**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

**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

**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
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⊞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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