

# 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

 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 3 Answer

☒

a.

Python

☐

b.

An error is raised

☐

c.

Program

☐


d.

Python Programming

### Question 4

Complete

Marked out of 1.00

 Flag question

### 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

 Flag question

### 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  
Marked out of 1.00

 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

 Flag question

### 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

 Flag question

### 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

 Flag question

### 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  
Marked out of 1.00

 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

Finish review

[Skip Quiz navigation](#)

### Quiz navigation

[Question 1 This page](#) [Question 2 This page](#) [Question 3 This page](#) [Question 4 This page](#) [Question 5 This page](#) [Question 6 This page](#) [Question 7 This page](#) [Question 8 This page](#) [Question 9 This page](#) [Question 10 This page](#) [Question 11 This page](#) [Question 12 This page](#) [Question 13 This page](#) [Question 14 This page](#) [Question 15 This page](#)

[Show one page at a time](#) Finish review