

# CS23336-Introduction to Python Programming

<b>Started on</b>	Sunday, 17 November 2024, 7:43 PM
<b>State</b>	Finished
<b>Completed on</b>	Sunday, 17 November 2024, 7:59 PM
<b>Time taken</b>	15 mins 31 secs

## Question 1

Complete

Marked out of 1.00

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The readlines() method returns \_\_\_\_\_

- ☐ a. str
- ☐ b. a list of single characters
- ☒ c. a list of lines
- ☐ d. a list of integers

## Question 2

Complete

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What does the following code do?


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

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

Question **3**

Complete

Marked out of 1.00

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Which of the following is data file?

- ☐ a. none of the given choices
- ☐ b. Text file
- ☒ c. Both text and binary file
- ☐ d. Binary file

Question **4**

Complete

Marked out of 1.00

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

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

Question **5**

Complete

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Select the incorrect file access mode

- ☐ a. rw+

- ☐ b. wb+
- ☒ c. r
- ☐ d. ab+

Question **6**

Complete

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How do you check if a file is closed in Python?

- ☐ a. file.is\_closed()
- ☐ b. file.closed()
- ☐ c. file.closed
- ☒ d. file.isclosed()

Question **7**

Complete

Marked out of 1.00

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

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

Question **8**

Complete

Marked out of 1.00

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

- ☐ a. Moves the file cursor to the beginning
- ☒ b. Flushes the internal buffer to the file
- ☐ c. Closes the file
- ☐ d. Deletes the file content

Question **9**

Complete

Marked out of 1.00

 [Flag question](#)


Which method is used to close a file in Python?

- ☐ a. terminate()
- ☐ b. finish()
- ☐ c. end()
- ☒ d. close()

Question **10**

Complete

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 [Flag question](#)


Which method is used to write data to a file?

- ☐ a. append()
- ☐ b. insert()
- ☐ c. read()
- ☒ d. write()

Question **11**

Complete

Marked out of 1.00

 [Flag question](#)

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()
```

- ☐ a. Python Programming
- ☒ b. Python
- ☐ c. Program
- ☐ d. An error is raised

Question **12**

Complete

Marked out of 1.00

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

- ☐ a. outfile = open(file = "c:\\scores.txt", "w")
- ☐ b. outfile = open(file = "c:\scores.txt", "w")
- ☐ c. outfile = open("c:\\scores.txt", "rw")
- ☒ d. outfile = open("c:\\scores.txt", "a")

Question **13**

Complete

Marked out of 1.00

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

- ☐ a. shrink()
- ☐ b. reduce()
- ☒ c. truncate()

☐ d. `resize()`

Question **14**

Complete

Marked out of 1.00

🚩 [Flag question](#)

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

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

Question **15**

Complete

Marked out of 1.00

🚩 [Flag question](#)

To open a file `c:\scores.txt` for writing, we use \_\_\_\_\_

- ☐ a. `outfile = open(file = "c:\scores.txt", "w")`
- ☐ b. `outfile = open(file = "c:\\scores.txt", "w")`
- ☒ c. `outfile = open("c:\scores.txt", "w")`
- ☐ d. `outfile = open("c:\\scores.txt", "w")`

Finish review