

67_ทบทวนรายวิชา CS310 (Computer Programming I)

คะแนนรวม 37/37 ?

ระบบบันทึกอีเมลของผู้ตอบ (natchanon.sail@bumail.net) ไว้แล้วเมื่อส่งแบบฟอร์มนี้

0 จาก 0 คะแนน

Section? *

- ☐ 127A (จันทร์ คาบเช้า)
- ☒ 127B (จันทร์ คาบบ่าย)
- ☐ 127C (พุธ คาบเช้า)
- ☐ 127E (พุธ คาบบ่าย)

รหัสนักศึกษา *

1670700044

ชื่อ นามสกุล ภาษาไทย (ไม่ต้องระบุ นาย นส.) *

ณัฐชนนท์ ศิริมลพิวัฒน์



Choose the best answer

37 จาก 37 คะแนน

✓ Which mode allows you to append data to an existing file? *

1/1

- ☐ 'w'
- ☒ 'a'
- ☐ 'r'
- ☐ 'x'



✓ Which method is used to read all lines from a file into a list? *

1/1

- ☐ readline()
- ☒ readlines()
- ☐ read()
- ☐ list()



✓ What will the following code print? *

1/1

```
for i in range(3):  
    print(i)
```

- ☒ 0 1 2
- ☐ 1 2 3
- ☐ 0 1 2 3
- ☐ 1 2



✓ Which of the following is the correct syntax to return value from a function?

*1/1

- ☒ All the above
- ☐ def add(a,b): c=a+b return c
- ☐ def add(a,b): c=a+b return 'c'
- ☐ def add(a,b) return a+b



✓ What is the correct syntax for defining a function in Python? *

1/1

- ☐ def my_function:
- ☐ function my_function():
- ☒ def my_function():
- ☐ function = my_function():



✓ Which function is used to open a file in Python? *

1/1

- ☐ read()
- ☒ open()
- ☐ file()
- ☐ write()



- ✓ What will the following code do if data.txt contains the numbers 10, 20, 30 (comma-separated)? *1/1

```
with open("data.txt", "r") as f:
    data = f.read().split(",")
    if int(data[0]) > 15:
        print("First number is large")
    else:
        print("First number is small")
```

- ☐ First number is large
- ☒ First number is small
- ☐ Error due to type mismatch
- ☐ First number is larger than 15



- ✓ What will the following code print? *

1/1

```
def add(x, y=5):
    return x + y
print(add(10))
```

- ☐ 10
- ☒ 15
- ☐ 5
- ☐ 50



✓ What will be the output of the following code? * 1/1

```
def greet(name):  
    return "Hello " + name  
print(greet("Alice"))
```

- ☒ Hello Alice ✓
- ☐ Hello + Alice
- ☐ Hello
- ☐ Alice

✓ Select which true for Python function * 1/1

- ☒ A user-defined function is a code block that only executes when called. ✓
- ☒ A Python function can return multiple values ✓
- ☐ Python doesn't support nested function
- ☒ A function only executes when it is called and we can reuse it in a program ✓

✓ How to return a value from function in Python? * 1/1

- ☒ By using return function ✓
- ☐ None Of The Above
- ☐ By using callback keyword
- ☐ By using return keyword



✓ What is function in Python? *

1/1

- ☐ A reusable component
- ☒ All Of The Above
- ☐ A block of code
- ☐ A feature of functional programming



✓ What does the following code check? *

1/1

```
with open("grades.txt", "r") as f:
    for line in f:
        grade = int(line.strip())
        if grade >= 50:
            print("Pass")
        else:
            print("Fail")
```

- ☐ Checks if all grades in the file are passing
- ☒ Prints Pass or Fail for each grade in the file
- ☐ Only prints grades above 50
- ☐ Raises an error for invalid input



✓ Which of the following is true about user- defined functions in Python? * 1/1

- ☐ The body of the function is indented and is enclosed by the brackets
- ☐ None of the above
- ☐ Every function should have return statement at the end
- ☒ The name of the functions defined by the user should follow some guidelines ✓

✓ What will the following code print? * 1/1

```
def test_func(n):  
    for i in range(n):  
        print(i, end=' ')  
test_func(3)
```

- ☐ 1 2 3
- ☒ 0 1 2 ✓
- ☐ 0 1 2 3
- ☐ 1 2

✓ Which method is used to close an open file? * 1/1

- ☐ file.terminate()
- ☐ file.halt()
- ☒ file.close() ✓
- ☐ file.stop()



✓ Which of the following keywords are used to create a loop in Python? * 1/1

☐ foreach

☐ loop

☐ do

☒ while



☒ for



✓ How do you add an element 50 to a list nums? * 1/1

☐ nums.add(50)

☒ nums.append(50)



☐ nums.extend(50)

☐ nums.insert(50)

✓ What will the following code do? * 1/1

with open("output.txt", "w") as file:
 file.write("Hello, World!")

☒ Creates a new file and writes "Hello, World!" into it



☐ Appends "Hello, World!" to the file

☐ Deletes the file content and writes "Hello, World!"

☐ Reads "Hello, World!" from the file



✓ Which of the following is not a user-defined function? *

1/1

- ☐ triangle()
- ☐ findscore()
- ☒ string()
- ☐ allsc()



✓ Which of the following is the valid way to begin the definition of a function in Python?

*1/1

- ☐ function some_function()
- ☐ def some_function()
- ☒ def some_function():
- ☐ function some_function():



✓ What will be the output of the following code? *

1/1

```
my_list = [10, 20, 30, 40]
print(my_list[1:3])
```

- ☒ [20, 30]
- ☐ [10, 20]
- ☐ [30, 40]
- ☐ [10, 20, 30]



✓ What will be the output of the following code? * 1/1

```
nums = [5, 10, 15, 20]
nums[2] = 25
print(nums)
```

- ☒ [5, 10, 25, 20] ✓
- ☐ [5, 10, 15, 20, 25]
- ☐ [5, 25, 15, 20]
- ☐ [5, 10, 15, 25]

✓ What does the following code snippet do? * 1/1

```
with open("file.txt", "a") as f:
    f.write("New Line\n")
```

- ☐ Overwrites the file with "New Line\n"
- ☒ Appends "New Line\n" to the file ✓
- ☐ Reads "New Line\n" from the file
- ☐ Deletes the file content

✓ Which of the following statements regarding Python programming is true? *1/1

- ☐ Statements belonging together are grouped using curly brackets.
- ☐ Python accepts only four spaces indentation.
- ☒ Statements belonging together are grouped using the same indentation. ✓
- ☒ Python is case sensitive, e.g. print() is not the same as Print(). ✓



✓ Which of the following correctly creates a list in Python? *

1/1

- ☐ list = (1, 2, 3)
- ☒ list = [1, 2, 3]
- ☐ list = {1, 2, 3}
- ☐ list = <1, 2, 3>



✓ What is the correct way to write multiple lines to a file? *

1/1

- ☐ file.write_lines(["Line1", "Line2"])
- ☐ file.write("Line1", "Line2")
- ☒ file.writelines(["Line1\n", "Line2\n"])
- ☐ file.writemultiple(["Line1", "Line2"])



✓ What happens if you try to open a non-existent file in 'r' mode? *

1/1

- ☐ It creates a new file
- ☒ It raises a FileNotFoundError
- ☐ It returns None
- ☐ It raises a TypeError



✓ What happens when you open a file in 'w' mode if the file already exists? * 1/1

- ☐ Raises an error
- ☐ Appends to the existing file
- ☒ Overwrites the file
- ☐ Reads the file



✓ What does the following code do? * 1/1

```
i = 1
while i < 5:
    print(i, end=' ')
    i += 1
```

- ☒ 1 2 3 4
- ☐ 1 2 3 4 5
- ☐ 0 1 2 3 4
- ☐ Infinite loop



✓ What does the following code do? *

1/1

```
with open("text.txt", "r") as f:
    count = 0
    for line in f:
        if "Python" in line:
            count += 1
    print(count)
```

- ☒ Counts the total number of lines containing the word "Python" ✓
- ☐ Counts the total number of lines in the file
- ☐ Checks if the word "Python" exists in the file
- ☐ Raises an error

✓ What is the output of the following code if data.txt contains "Hello World"?

*1/1

```
with open("data.txt", "r") as file:
    print(file.read())
```

- ☐ ['Hello', 'World']
- ☒ "Hello World" ✓
- ☐ Hello\nWorld
- ☐ Hello



✓ What will the following code output if file.txt has the content "Python\nProgramming\nLanguage"?

*1/1

```
with open("file.txt", "r") as f:  
    print(f.readline().strip())
```

- ☐ ['Python', 'Programming', 'Language']
- ☒ "Python"
- ☐ "Programming"
- ☐ "Python Programming Language"



✓ What does the mode 'r' signify when opening a file? *

1/1

- ☐ Read and write mode
- ☐ Write mode
- ☒ Read-only mode
- ☐ Append mode



✓ What does the read() method do when used on a file object? *

1/1

- ☐ Reads a single character
- ☒ Reads the entire file
- ☐ Reads a specific line
- ☐ Writes to the file



✓ Which of the following are the two main parts of every function in Python?

*1/1

- ☐ The function signature and the function corpus
- ☒ The function heading and the function body
- ☐ The function head and the function tail
- ☐ The function front and the end body



✓ What is the purpose of the following code? *

1/1

```
with open("students.txt", "r") as f:
    for line in f:
        name, score = line.strip().split(",")
        if int(score) < 40:
            print(name, "failed")
```

- ☒ Checks for failing students and prints their names
- ☐ Prints all students' names and scores
- ☐ Prints names of students with scores above 40
- ☐ Appends failing scores to a new file



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