CS23336-Introduction to Python Programming

Started on Wednesday, 4 September 2024, 2:28 PM
State Finished
Completed on Wednesday, 4 September 2024, 2:47 PM
Time taken 19 mins 6 secs

Question 1

Complete
Marked out of 1.00
 Flag question

Question text

Fill in the line of the following Python code for calculating the factorial of a number?

def factorial(n):
    if (n==1 or n==0):
      return 1
    else:
       return _―
num = 5;
print("number : ",num)
print("Factorial : ",factorial(num))

---Question 1 Answer---
○
a.

n*(n-1)

○
b.

fact(n)*fact(n-1)

○
c.

(n-1)*(n-2)

◉
d.

(n * factorial(n - 1))

Question 2

Complete
Marked out of 1.00
 Flag question

Question text

What will be the output of the following Python code?

def maximum(x, y):
   if x > y:
     return x
   elif x == y:
     return 'The numbers are equal'
   else:
     return y

print(maximum(2, 3))

Question 2 Answer

⦿
a.

3

○
b.

2

○
c.

The numbers are equal

○
d.

None of the mentioned

Question 3

Complete
Marked out of 1.00
☒Flag question

Question text

Which of the following statement is not true regarding functions?

Question 3 Answer

○
a.
A function may or may not have parameters.
○
b.
Function header always ends with a colon (:).
○
c.
A function definition begins with "define"
⦿
d.
A function may or may not return value.

Question 4

Complete
Marked out of 1.00
☒Flag question

Question text

Functions which do not return any value is called _____.

Question 4 Answer

○
a.
default function
○
b.
null function
○
c.
zero function
⦿
d.
void function

Question 5

Complete
Marked out of 1.00

Question text

What will be the output of the following Python code?

```
def test(i,j):
   if(i==0):
      return j
   else:
      return test(i-1,i+j)
print(test(4,7))
```

Question 5 Answer

○ a.

Infinite loop

◉ b.

17

○ c.

7

○ d.

13

Question 6

Complete
Marked out of 1.00

Question text

Which of the following is not the scope of variable?

Question 6 Answer

○ a.
Local

○ b.
Global

◉ c.
Outside

○ d.
None of the mentioned

Question 7

Complete
Marked out of 1.00

Question text

What will be the output of the following Python code?

def sayHello():

  print('Hello World!')

sayHello()

sayHello()

---Question 7 Answer---

○
a.

'Hello World!'
'Hello World!'

◉
b.

Hello World!
Hello World!

○
c.

None of the mentioned

○
d.

Hello
Hello

Question 8

Complete
Marked out of 1.00
🏴 Flag question

Question text

Which keyword is used to begin the definition of a function?

---Question 8 Answer---

◉
a.
def
○
b.
DEF
○
c.
Define
○
d.
Def

Question 9

Complete
Marked out of 1.00
🏴 Flag question

Question text

Which one of the following is the correct way of calling a function?

○
a.

ret function_name()

○
b.

call function_name()

◉
c.

function_name()

○
d.

function function_name()

Question 10

Complete
Marked out of 1.00
⬛Flag question

Question text

In a program, a function can be called _____ times.

○
a.
5
○
b.
3
○
c.
2
◉
d.
Multiple times

Question 11

Complete
Marked out of 1.00
⬛Flag question

Question text

Which of the following is not the type of function argument?

○
a.
default argument
◉
b.
initial argument
○
c.
Required argument
○
d.
Keyword argument

Question 12

Complete

Marked out of 1.00

[?] Flag question

Question text

Choose the correct statement

┌─ Question 12 Answer ───┐
○
a.
We can create function with no argument and no return value.
○
b.
We can create function with no argument and with return value(s)
◉
c.
All of the mentioned
○
d.
We can create function with argument(s) and no return value.
└──┘

Question 13

Complete

Marked out of 1.00

[?] Flag question

Question text

Which of the following number can never be generated by the following code: random.randrange(0, 100)

┌─ Question 13 Answer ───┐
○
a.
0
○
b.
1
◉
c.
100
○
d.
99
└──┘

Question 14

Complete

Marked out of 1.00

[?] Flag question

Question text

Which of the following function headers is correct?

┌─ Question 14 Answer ───┐
○
a.

def fun(a = 2, b = 3, c)

○
b.

def fun(a, b, c = 3, d)

◉
c.

def fun(a, b = 2, c = 3)
└──┘

○
d.

def fun(a = 2, b, c = 3)

Question 15

Complete
Marked out of 1.00
⬚ Flag question

Question text

Which module is to be imported for using randint( ) function?

┌─ Question 15 Answer ─────────────────────────
◉
a.
random
○
b.
rand
○
c.
randomrange
○
d.
randrange
└──

Finish review

Finish review