CS23336-Introduction to Python Programming

Started on	Wednesday, 28 August 2024, 2:27 PM
State	Finished
Completed on	Wednesday, 28 August 2024, 2:42 PM
Time taken	15 mins 32 secs

Question **1**

Complete

Marked out of 1.00

⚐ Flag question

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

- ○ a. call function_name()
- ○ b. ret function_name()
- ○ c. function function_name()
- ◉ d. function_name()

Question **2**

Complete

Marked out of 1.00

⚐ Flag question

What is the output of the following function call?

def outer_fun(a, b):
  def inner_fun(c, d):
    return c + d
    return inner_fun(a, b)
  return a
result = outer_fun(5, 10)
print(result)

- ○ a. Syntax Error
- ⦿ b. 15
- ○ c. (15,5)
- ○ d. 5

Question **3**

Complete

Marked out of 1.00

⚑ Flag question

Which of the following are advantages of using function in program?

- ⦿ a. All of the mentioned
- ○ b. It makes debugging easier.
- ○ c. It increases readability of program.
- ○ d. It increases reusability.

Question **4**

Complete

Marked out of 1.00

⚑ Flag question

Write the output of : print(abs(-45))

- ○ a. None of the mentioned
- ⦿ b. 45
- ○ c. 45.0
- ○ d. -45

Question **5**

Complete

Marked out of 1.00

⚑ Flag question

6. Which of the following is not the built-in function?

○ a. input( )

◉ b. dictionary( )

○ c. print( )

○ d. tuple( )

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

○ a. DEF

○ b. Define

○ c. Def

◉ d. def

What will be the output of the following Python code?

def printMax(a, b):
  if a > b:
    print(a, 'is maximum')
  elif a == b:
    print(a, 'is equal to', b)
  else:
    print(b, 'is maximum')
printMax(3, 4)

a. None of the mentioned

b. 3

○ c. 4 is maximum

d. 4

What is the output of the add() function call?

def add(a, b):
    return a+5, b+5
result = add(3, 2)
print(result)

a. 15

b. Syntax Error

c. 8

○ d. (8,7)

Write the output of : print(min(tuple("computer")))

a. t

b. u

c. o

○ d. c

Question **10**

Complete

Marked out of 1.00

⚐ Flag question

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))

○ a. fact(n)*fact(n-1)

○ b. (n-1)*(n-2)

○ c. n*(n-1)

○ d. (n * factorial(n - 1))

Question **11**

Complete

Marked out of 1.00

⚐ Flag question

Which keyword is used for defining a function?

○ a. def

○ b. Define

○ c. Function

○ d. Fun

_____ can be defined as a named group of instructions that accomplish a specific task when it is invoked/called.

- ○ a. Datatype
- ○ b. Operator
- ⦿ c. Function
- ○ d. Token

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))

- ○ a. The numbers are equal
- ○ b. None of the mentioned
- ○ c. 2
- ⦿ d. 3

Question **14**

Complete

Marked out of 1.00

⚑ Flag question

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))
```

- ○ a.   7
- ○ b.   Infinite loop
- ◉ c.   17
- ○ d.   13

Question **15**

Complete

Marked out of 1.00

⚑ Flag question

What will be the output of the following Python code?

```
def sayHello():
   print('Hello World!')
sayHello()
sayHello()
```

- ○ a.   Hello
          Hello
- ○ b.   'Hello World!'
          'Hello World!'

○ c. None of the mentioned

○ d. Hello World!
Hello World!

Finish review