Python Functions Quiz Part-1

Python Interview

Python Functions Quiz Part-1 (Beginner Level)

Python Functions Quiz Part-1 for Beginner Programmers

Q-1. What Is The Default Return Value For A Function That Does Not Return Any Value Explicitly?

A. None

B. int

C. double

D. public

E. null

Q-2. Which Of The Following Items Are Present In The Function Header?

A. function name

B. function name and parameter list

C. parameter list

D. return value

Q-3. Which Of The Following Enclose The Input Parameters Or Arguments Of A Function?

A. brackets

B. parentheses

C. curly braces

D. quotation marks

Q-4. Which Of The Following Keywords Marks The Beginning Of The Function Block?

A. fun

B. define

C. def

D. function

Q-5. What Is The Name Given To That Area Of Memory, Where The System Stores The Parameters And Local Variables Of A Function Call?

A. a heap

B. storage area

C. a stack

D. an array

Q-6. Which Of The Following Function Definition Does Not Return Any Value?

A. a function that prints integers from 1 to 100.

B. a function that returns a random integer from 1 to 100.

C. a function that checks whether the current second is an integer from 1 to 100.

D. a function that converts an uppercase letter to lowercase.

Q-7. Which Of The Following Statements Correctly Represent The Function Body In The Given Code Snippet?

def f(number):

# Missing function body

print(f(5))

A. return “number”

B. print(number)

C. print(“number”)

D. return number

Q-8. What Is The Output Of The Following Code Snippet?

def func(message, num = 1):

print(message \* num)

func('Welcome')

func('Viewers', 3)

A. Welcome

Viewers

B. Welcome

ViewersViewersViewers

C. Welcome

Viewers,Viewers,Viewers

D. Welcome

Q-9. What Is The Output Of The Following Code Snippet?

def myfunc(text, num):

while num > 0:

print(text)

num = num - 1

myfunc('Hello', 4)

A. HelloHelloHelloHelloHello

B. HelloHelloHelloHello

C. invalid call

D. infinite loop

Q-10. Which Of The Following Would You Relate To A Function Call Made With An Argument Passed As Its Parameter?

A. function invocation

B. pass by value

C. pass by reference

D. pass by name

Q-11. What Is The Output Of The Following Code Snippet?

def func(x = 1, y = 2):

x = x + y

y += 1

print(x, y)

func(y = 2, x = 1)

A. 1 3

B. 2 3

C. The program has a runtime error because x and y are not defined.

D. 3 2

E. 3 3

Q-12. What Is The Output Of The Following Code Snippet?

num = 1

def func():

num = 3

print(num)

func()

print(num)

A. 1 3

B. 3 1

C. The program has a runtime error because x is not defined.

D. 1 1

E. 3 3

Q-13. What Is The Output Of The Following Code Snippet?

num = 1

def func():

num = num + 3

print(num)

func()

print(num)

A. 1 4

B. 4 1

C. The program has a runtime error because the local variable ‘num’ referenced before assignment.

D. 1 1

E. 4 4

Q-14. What Is The Output Of The Following Code Snippet?

num = 1

def func():

global num

num = num + 3

print(num)

func()

print(num)

A. 1 4

B. 4 1

C. The program has a runtime error because the local variable ‘num’ referenced before assignment.

D. 1 1

E. 4 4

Q-15. What Is The Output Of The Following Code Snippet?

def test(x = 1, y = 2):

x = x + y

y += 1

print(x, y)

test()

A. 1 3

B. 3 1

C. The program has a runtime error because x and y are not defined.

D. 1 1

E. 3 3

Q-16. What Is The Output Of The Following Code Snippet?

def test(x = 1, y = 2):

x = x + y

y += 1

print(x, y)

test(2, 1)

A. 1 3

B. 2 3

C. The program has a runtime error because x and y are not defined.

D. 3 2

E. 3 3

Q-17. What Is The Output Of The Following Code Snippet?

def test(x = 1, y = 2):

x = x + y

y += 1

print(x, y)

test(y = 2, x = 1)

A. 1 3

B. 2 3

C. The program has a runtime error because x and y are not defined.

D. 3 2

E. 3 3

Q-18. Which Of The Following Function Headers Is Correct?

A. def f(a = 1, b):

B. def f(a = 1, b, c = 2):

C. def f(a = 1, b = 1, c = 2):

D. def f(a = 1, b = 1, c = 2, d):

Q-19. What Is The Output Of The Following Code Snippet?

exp = lambda x: x \*\* 3

print(exp(2))

A. 6

B. 222

C. 8

D. None of the above

Q-20. What Is The Output Of The Following Code Snippet?

myList = [lambda x: x \*\* 2,

lambda x: x \*\* 3,

lambda x: x \*\* 4]

for f in myList:

print(f(3))

A. 27

81

343

B. 6

9

12

C. 9

27

81

D. 8

27

64