

This quiz was locked Sep 15 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	8 minutes	15 out of 20

Score for this quiz: **15** out of 20
Submitted Sep 9 at 9:10pm
This attempt took 8 minutes.

Question 1

1 / 1 pts

Which one of the following is the correct lambda expression for integer division of variable 'a' by variable 'b'?

☐ div = lambda a,b: a/b

☒ div = lambda a,b: a//b

☐ div = lambda a,b: a%b

☐ div = lambda a,b: a///b

That's correct!

Question 2

0 / 1 pts

The expression `b << 3`, will _____

☒ multiply 'b' by 8

Correct!

Not Answered

☐ Divide 'b' by 3☐ multiply 'b' by 3

Incorrect Answer

☐ divide 'b' by 8

That's incorrect! Revisit the videos for this week.

Question 3**1 / 1 pts**

Predefined order of precedence in an expression can be changed by

☐ adding bitwise operators☐ adding comparison operators

Correct!

☒ brackets☐ exponent

That's correct!

Question 4**0 / 1 pts**

In Python, when variable 's' is a string and 'a' is an integer, the expression s/a raises error because it is a _____

You Answered

☒ dynamically typed language

Incorrect Answer

☐ strictly type checking language

☐ interpreted language

☐ compiled language

That's incorrect! Revisit the videos for this week.

Question 5

0 / 1 pts

In Python, arithmetic overflow and underflow _____

☐ do not occur at all

☒ Occur and represented by +inf and -inf

☐ Occur and represented by +inf and 0.0

☐ Occur and represented by +0.0 and -0.0

That's incorrect! Revisit the videos for this week.

Question 6

1 / 1 pts

I want to divide (integer division) variable 'a' by 32, finish the expression
a >> _____

☐ 4

☐ 16

☐ 32

Correct!☒ 5

That's correct!

Question 7**1 / 1 pts**The expression ' $\sim d$ ' finds _____

- ☐ not of d
- ☐ Approximate value of D
- ☒ One's complement of D
- ☐ negative of d

Correct!

That's correct!

Question 8**1 / 1 pts**

In python, True in an arithmetic expression is equivalent to _____

- ☐ -1
- ☐ 0
- ☐ 10

Correct!☒ 1

That's correct!

Question 9

1 / 1 pts

Arrange the following type of operators as per their order of precedence

I. Logical Operators

II. Arithmetic Operators

III. Unary Operators

IV. Bitwise Operators

☐ II, III, IV, I

☐ III, II, I, IV

☒ III, II, IV, I

☐ I, II, IV, III

Correct!

That's correct!

Question 10

1 / 1 pts

When two operators have same precedence in an expression, execution order will be decided based on _____

☐ always left to right

☐ always right to left

Correct!☒ associativity☐ randomness

That's correct!

Question 11**1 / 1 pts**

Which one of the following is syntatically correct way to use sin() function in python?

☐ import math☒ either import math or from math import sin☐ neither import math nor from math import sin☐ from math import sin**Correct!**

That's correct!

Question 12**1 / 1 pts**

Let a = -5, b=10 and c = 6 then in the following code, b will be multiplied with _____ `e = b*-a+c`

☐ -5☒ +5☐ -10**Correct!**

☐ 6

That's correct!

Question 13

1 / 1 pts

A binary operator that stores '1' for each different bit value of inputs and '0' for same bit value of inputs is _____

☐ Bitwise OR

☒ Bitwise XOR

☐ Bitwise AND

☐ Bitwise shift

That's correct!

Correct!

Question 14

1 / 1 pts

The expression $2 << 3 == 16 + 5$ will compare _____ and _____

☒ 16, 21

☐ 3, 16

☐ 8, 21

☐ 16, 16

Correct!

That's correct!

Question 15

0 / 1 pts

Let $r=5$, then the expression $(r==5) + 1$ and $r==5+1$ will return _ and ____ values

you Answered

☒ integer and integer

☐ boolean and integer

Correct Answer

☐ integer and boolean

☐ boolean and boolean

That's incorrect! Revisit the videos for this week.

Question 16

1 / 1 pts

Python is a ____ language

☐ dynamically typed

Correct!

☒ both dynamically typed and strictly type checking

☐ dynamically typed but not strictly type checking

☐ strictly type checking

That's correct!

Question 17

1 / 1 pts

In Python, an arithmetic operation with boolean data will _____

- ☐ Raise to syntactical error
- ☒ Works fine
- ☐ Raise to lexical error
- ☐ Raise to semantical error

Correct!

That's correct!

Question 18

0 / 1 pts

In the given expression, $ab - c * d + e$ which one of the following will be evaluated second?

☒ $d + e$

☐ $a * b$

☐ $b - c$

☐ $c ** d$

Not Answered

Correct Answer

That's incorrect! Revisit the videos for this week.

Question 19

1 / 1 pts

Which one of the following method is memory efficient way to import function to find absolute value of floating point values defined in math library?

- ☐ import fabs
- ☒ from math import fabs
- ☐ from abs import math
- ☐ import math

Correct!

That's correct!

Question 20

1 / 1 pts

How can you rewrite the expression $ab - c * d + e$, so that $d + e$ is evaluated first?

- ☐ $d - ab + e * c$
- ☐ $c * d + e - ab$
- ☒ $ab - c * (d + e)$
- ☐ $d + e * c - ab$

Correct!

That's correct!

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