

Responses Overview

Closed

Responses

108 

Average Score

19.9 

Average Time

52:26 

1. S/N (0 point)

105 responses submitted

"56"

"6"

"52"

...

2. Name (0 point)

105 responses submitted

"Ibrahim bashir"

"Abdulrazaq Ibrahim Abubakar"

"Haruna Muhammad"

...

3. Email (0 point)

105 responses submitted

"ibrahimbashir651814@gmail.com"

"abdulrazaqia66@gmail.com"

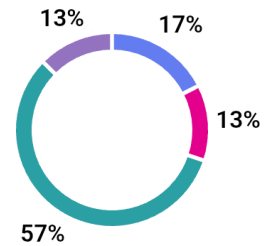
"harunamuhd999@gmail.com"

...

4. Which of the following best fills blank "__ **b** __" so that the program runs without getting any errors (1 point)

57% of respondents answered this question correctly.

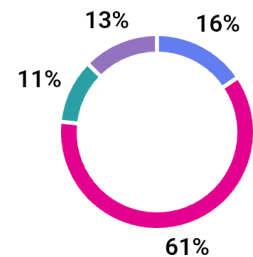
● return	18
● break	13
● continue	59 ✓
● score = None	13



5. From the provided code snippet, which of the following best replaces "__ **a** __" such that the program runs without any errors. (1 point)

16% of respondents answered this question correctly.

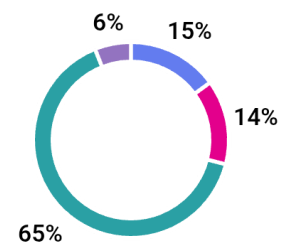
● str	16 ✓
● int	63
● float	11
● None of the above	13



6. Which of the following best fills blank "__ **a** __" such that the program runs without errors. (1 point)

65% of respondents answered this question correctly.

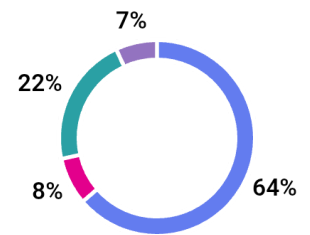
● for i in prompt	15
● while prompt	14
● while True	65 ✓
● All of the above	6



7. What best fills the blank "__c_" so that the program runs without errors (1 point)

64% of respondents answered this question correctly.

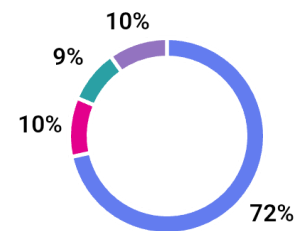
● ValueError	65 ✓
● IndexError	8
● TypeError	22
● SyntaxError	7



8. Which of the following best fills blank "__b_" for the program to run without errors without compromising the design intent for the function?...

72% of respondents answered this question correctly.

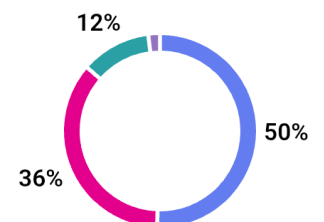
● int	73 ✓
● None	10
● str	9
● bool	10



9. Which of the following options best completes blank "__a_" such that the program runs without errors? ...

50% of respondents answered this question correctly.

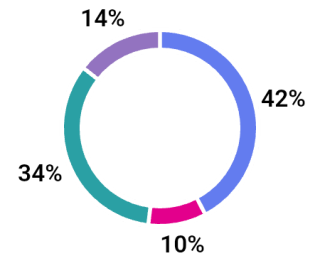
● None of the above	52 ✓
● 1000	37
● 999	12
● All of the above	2



10. Which of the following values for blank "`__b__`" best completes the code snippet **without getting any errors**? (1 point)

34% of respondents answered this question correctly.

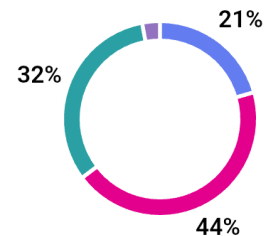
<input type="radio"/> <code>range(1, num + 1)</code>	44
<input type="radio"/> <code>range(num)</code>	10
<input checked="" type="radio"/> <code>range(1, num)</code>	35 ✓
<input type="radio"/> <code>range(num+1)</code>	15



11. In the code snippet below, which of the following keywords can cause the function defined with a while True loop contained inside it, to exit? ...

32% of respondents answered this question correctly.

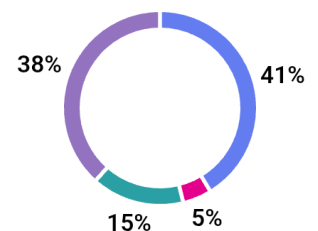
<input type="radio"/> <code>return</code>	21
<input type="radio"/> <code>break</code>	45
<input checked="" type="radio"/> All of the above	33 ✓
<input type="radio"/> None of the above	3



12. which of the following is not a valid function signature for the range function (1 point)

41% of respondents answered this question correctly.

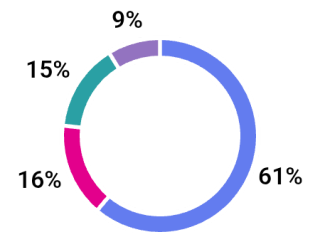
<input checked="" type="radio"/> <code>range(start)</code>	43 ✓
<input type="radio"/> <code>range(start, stop)</code>	5
<input type="radio"/> <code>range(start, stop, step)</code>	16
<input type="radio"/> None of the above	40



13. Given this code snippet from the **savings goal planner** project, assuming that the variable **run** is already defined. ...

61% of respondents answered this question correctly.

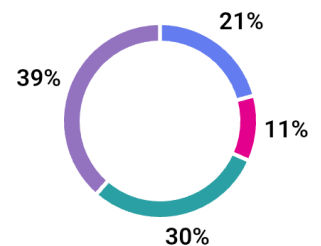
bool	63 ✓
str	16
int	15
None	9



14. To prevent the while loop in this question from running forever, which of the following variables would you need to update directly in the loop? ...

39% of respondents answered this question correctly.

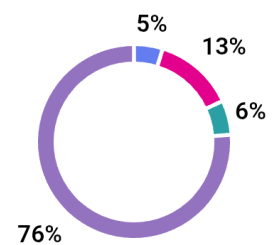
frequency	21
savings_name	11
yearly_savings	30
None of the above	39 ✓



15. Which of the following best completes blank "`__ a __`" to give the function a correct signature? **(please note that your answers should be derived purely from what you see on the code...**

76% of respondents answered this question correctly.

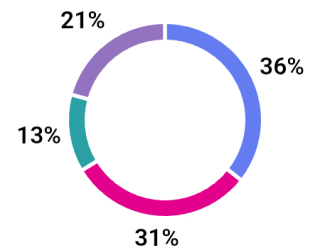
None	5
None of the above	14
Any	6
str	80 ✓



16. Which of the following best completes the blank "`__b__`" to give the function its correct type signature (1 point)

36% of respondents answered this question correctly.

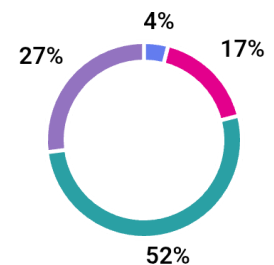
● float	36 ✓
● float None	31
● int	13
● int None	21



17. Which of the following best completes blank "`__c__`" to complete the function's doc string (1 point)

52% of respondents answered this question correctly.

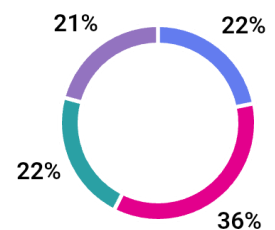
● raises	4
● type	17
● rtype	52 ✓
● returns	27



18. You are tasked to write a function to read numbers from the terminal such that a value of "100,000.00" will be parsed successfully. ...

22% of respondents answered this question correctly.

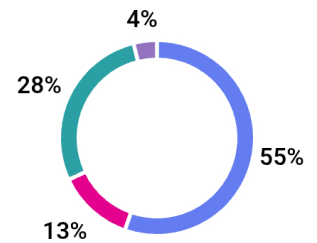
● read_num	22
● read_float	36
● read_dec	22 ✓
● All of the above	21



19. when creating the main function or the **main entry point** to a python program, what is the **primary return type** of this function? (1 point)

55% of respondents answered this question correctly.

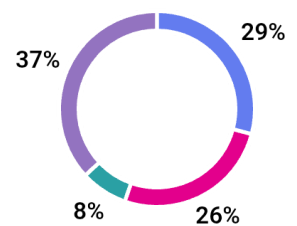
● None	57 ✓
● None of the Above	13
● int	29
● All of the above	4



20. You are tasked to write a function that ranks data plans. Assuming that the function takes in a list of data plans structured as dictionaries and sorts the list without copying its values which of th...

29% of respondents answered this question correctly.

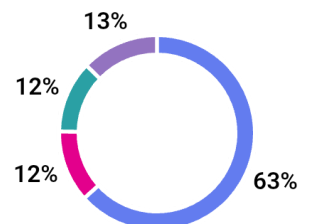
● A	30 ✓
● B	27
● C	8
● D	38



21. You are given the code snippet that calculates the average score from a list of scores. Which of the following errors can the program experience at runtime (i.e., when the code is executing)?...

63% of respondents answered this question correctly.

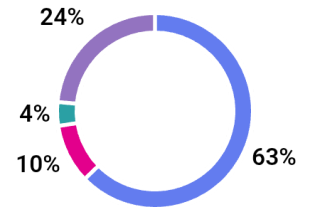
● ZeroDivisionError	64 ✓
● TypeError	12
● IndentationError	12
● No error will occur	13



22. Given the following code snippet. If there is an error in the code, which of these issues may have caused this error?...

63% of respondents answered this question correctly.

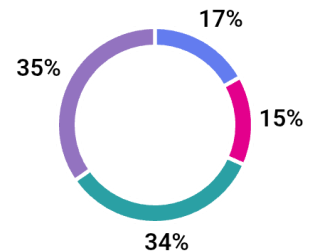
● scores is an empty list	64 ✓
● the division operator '/' always returns floats	10
● total's data type can change when the code is running	4
● There is no error in the code, hence there is nothing that could cause an issue in the code	24



23. Given the following code snippet. If there is an error in the code, which of these code snippets may fix this issue?...

34% of respondents answered this question correctly.

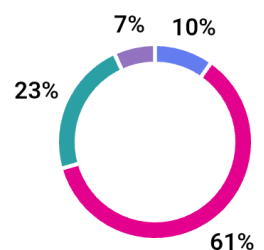
● avg_a	17
● avg_b	15
● There is an error in the code but none of these functions fix that error.	34 ✓
● There is no error in the code, hence no fix is necessary.	35



24. Which of the following values is returned by the print function (1 point)

61% of respondents answered this question correctly.

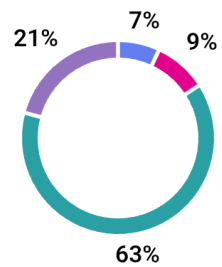
● The print function returns no values	10
● The print function returns None	62 ✓
● The print function returns a string that is displayed on the terminal	23
● None of the above	7



25. The code snippet below defines a function **gen_password** which generates a password with 25 characters for the user. To do that it relies on a randomization function from the **random** module...

63% of respondents answered this question correctly.

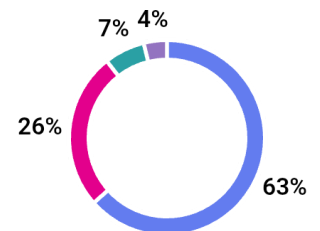
import "random"	7
import {sample} from 'random'	9
from random import sample	64 ✓
import random	21



26. Which of the following functions of the random module has similar functionality with the **sample** function (1 point)

63% of respondents answered this question correctly.

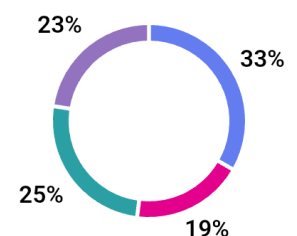
choices	66 ✓
choice	27
randint	7
uniform	4



27. The following code snippet simulates the values produced by **Sporty Aviator**. However, unlike aviator, the function defined never produces any high numbers (i.e., numbers greater than 10)...

33% of respondents answered this question correctly.

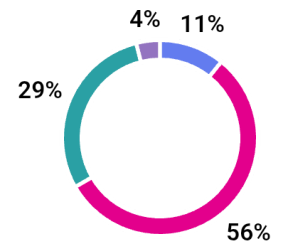
12	34 ✓
5	19
16	26
None of the above	23



28. Given the same code snippet shown in the image. The function defined in the code snippet is meant to produce random numbers in the same manner as `aviator`, but has a bug in that it never...

56% of respondents answered this question correctly.

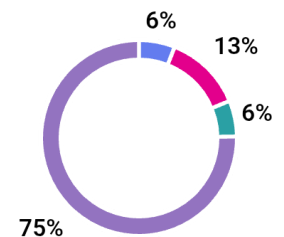
● <code>value = random.bivariate()</code>	11
● <code>if random.random() > 0.75</code>	57 ✓
● <code>if random.random() < 0</code>	30
● <code>round(value, 3)</code>	4



29. While building a rock-paper-scissors game for a player vs computer scenario, Ini added the following code as shown in the code snippet to give the computer randomized moves....

75% of respondents answered this question correctly.

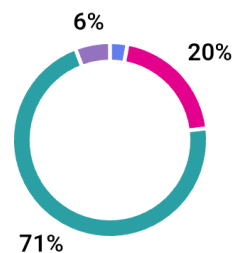
● <code>random.betavariate()</code>	6
● <code>random.getstate()</code>	13
● <code>random.randrange(1, 7)</code>	6
● <code>random.seed()</code>	76 ✓



30. David Terfa is writing the code for the login page of the e-commerce app project. He writes the code as shown in the code snippet....

71% of respondents answered this question correctly.

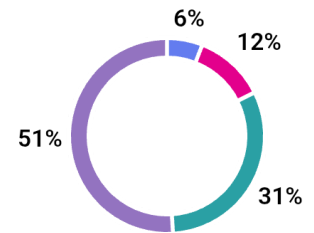
● <code>count</code>	3
● <code>get</code>	21
● <code>index</code>	74 ✓
● <code>__getitem__</code>	6



31. You are given a list of items as shown in the code snippet below. Which of the following code options given returns the first element of the list when run? (1 point)

31% of respondents answered this question correctly.

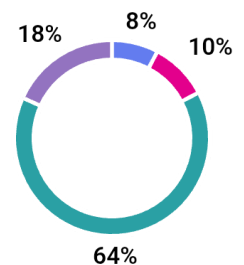
● <code>items[1]</code>	6
● <code>items[-1]</code>	12
● <code>items[-3]</code>	32 ✓
● None of the above	52



32. For the list of items displayed in the attached code snippet, which of the following code options when run returns the last element of the list (1 point)

64% of respondents answered this question correctly.

● <code>items[3]</code>	8
● <code>items[-2]</code>	10
● <code>items[-1]</code>	67 ✓
● None of the above	19



33. For the items in the attached code snippet, which of the following code options, when run, will sort the items in the list according to the "name" field of each dictionary contained in the list. (1...

67% of respondents answered this question correctly.

● <code>items.sort()</code>	14
● <code>items.sort(key= lambda item: item["name"])</code>	69 ✓
● <code>sorted(items, key=lambda item: item["name"])</code>	15
● <code>items = sorted(items)</code>	5

