Top of Form

Question 1:

In Python, we can change both the value and data type of variables?

True

False

Bottom of Form

Top of Form

Question 2:

The name of a variable is called an identifier.

True

False

Bottom of Form

Top of Form

Question 3:

In Python, we can name the variable whatever with no constraints.

True

False

Bottom of Form

Top of Form

How many mistakes are in this identifier?

1. 3sum-a = 10

0

1

2

3

Top of Form

Does this code work?

1. print = 10
2. print = 10 + 1

True

False

You shouldn't use print as a variable name, as it is a function. Meanwhile, the code can compile

Top of Form

Guess the output of this program:

1. print = 10
2. print = 10 + 1
3. x = print + 2
4. print(x)

Error

13

12

10

Top of Form

Which code will generate an error?

* 1. total\_sum = 10
  2. result = 2 \* total\_Sum + 1

total\_sum not SAME as total\_Sum. Python is case sensitive

* Top of Form
  1. total\_sum = 10
  2. result = 2 \* total\_sum + 1

Both are ok

Top of Form

Which variable name is a better style in the industry?

total\_sum

Total\_sum

TOTAL\_SUM

totalsum

TotalSum

Use a lowercase single letter, word, or words. Separate words with underscores to improve readability.

Top of Form

Python is a **dynamically** typed language, which means we can change the values of the variables during the runtime of the program.

True

False

Python is a dynamically typed language, which means we can change the data type of the variables during the runtime of the program.

Top of Form

How many times has the data type of x changed?

1. x = 1
2. x = 2
3. x = 1.0
4. x = 3
5. x = '1.0'
6. x = 5
7. x = 6

1

2

3

4

5

6

7

Initially int. Changed to float, then int, then string, then intTop of Form

Bottom of Form

Top of Form

Bottom of Form

Top of Form

Bottom of Form

Bottom of Form

Bottom of Form

Top of Form

Bottom of Form

Bottom of Form