

1 1. Python identifiers, keywords, and indentation:
2 Which of the following is a valid Python identifier?
3 a) my-identifier
4 b) 123identifier
5 c) _my_identifier
6 d) class
7 e) lambda
8 True or False: Python identifiers are case-insensitive.
9 Which of the following is not a recommended naming convention for Python
10 identifiers?
11 a) snake_case
12 b) camelCase
13 c) PascalCase
14 d) kebab-case
15 How many keywords are there in Python?
16 True or False: It is allowed to use keywords as identifiers in Python.
17 Which keyword is used to define a function in Python?
18 a) def
19 b) function
20 c) define
21 d) func
22 What is the purpose of indentation in Python?
23 a) To make the code more readable
24 b) To define the scope of code blocks
25 c) Both a) and b)
26 d) None of the above
27 How many spaces should be used for indentation in Python?
28 a) 2
29 b) 4
30 c) 8
31 d) It can be customized as per preference
32 True or False: Inconsistent indentation will result in a syntax error in Python.
33 Which character is commonly used for indentation in Python?
34 a) Space
35 b) Tab
36 c) Both a) and b)
37 d) It doesn't matter, any character can be used
38 True or False: Python identifiers can start with a digit.
39 Which of the following is a valid Python identifier?
40 a) 1st_name
41 b) my_Identifier!
42 c) \$money
43 d) break
44 What is the purpose of assigning a value to an identifier in Python?
45 True or False: Python keywords are predefined and cannot be used as userdefined
46 identifiers.
47 Which keyword is used to define a loop in Python?
48 a) while
49 b) loop
50 c) for
51 d) repeat
52 True or False: In Python, indentation is optional and doesn't affect the
53 execution of the code.
54 How is a code block defined in Python based on indentation?
55 Which of the following indentation styles is commonly used in Python?
56 a) Tabs only
57 b) Spaces only
58 c) Tabs and spaces mixed
59 d) It is a matter of personal preference
60 True or False: In Python, consistent indentation is important for maintaining
61 the code's logic and readability.
62 What is the purpose of the colon (:) in Python code blocks?
63
64 2. Python data type and typecasting questions for practice:
65 What is the data type of the variable x if x = 5?
66 Which data type is used to represent a sequence of characters in Python?
67 True or False: Python has a built-in data type for representing complex
68 numbers.
69 What is the data type of the variable my_list if my_list = [1, 2, 3]?

69 Which data type is used to represent a collection of key-value pairs in Python?
70 Convert the variable x of type float to an integer.
71 Convert the variable x of type int to a string.
72 Convert the variable x of type str to a float.
73 Convert the variable my_tuple of type tuple to a list.
74 Convert the variable my_dict of type dict to a string.
75 True or False: Python has a built-in data type for representing dates and times.
76 What is the data type of the variable x if x = (1, 2, 3)?
77 Which data type is used to represent a sequence of immutable elements in
78 Python?
79 True or False: Python has a built-in data type for representing boolean values.
80 What is the data type of the variable my_set if my_set = {1, 2, 3}?
81 Convert the variable x of type int to a boolean.
82 Convert the variable x of type float to a string.
83 Convert the variable x of type str to an integer.
84 Convert the variable my_list of type list to a tuple.
85 Convert the variable my_dict of type dict to a list of its keys.