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File Edit Selection View Go Run ... Python
grp7_tiqui_ex7.py X
grp7_tiqui_ex7.py > ...
1 # Exercise 7
2 # 1. Write a Python program to create an array of 3 integers and display the array items.
3
4 import array
5
6 my_array = array.array('i', [5, 10, 15])
7
8 for element in my_array:
9     print(element)
10
11
12 # 2. Write a Python program to append a new item to the end of the array.
13
14 import array
15
16 my_array = array.array('i', [2, 4, 6, 8, 9])
17
18 print("Original array:", my_array)
19
20
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python + -
PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex7.py
5
10
15
Original array: array('i', [2, 4, 6, 8, 9])
Append 11 at the end of the array:
New array: array('i', [2, 4, 6, 8, 9, 11])
Original array: array('i', [19, 22, 28, 29, 5, 1, 14, 2])
Reverse the order of the items:
array('i', [2, 14, 1, 5, 29, 28, 22, 19])
False
True
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grp7_tiqui_ex7.py X
grp7_tiqui_ex7.py > ...
25
26
27 # 3. Write a Python program to reverse the order of the items in the array.
28
29 import array
30
31 my_array = array.array('i', [19, 22, 28, 29, 5, 1, 14, 2])
32 print("Original array:", my_array)
33
34 my_array.reverse()
35
36 print("Reverse the order of the items:")
37 print(my_array)
38
39
40 # 4. Write a Python program to find out if a given array of integers contains any duplicate elements.
41
42 def check_duplicates(array):
43
44
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python + -
PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex7.py
5
10
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Original array: array('i', [2, 4, 6, 8, 9])
Append 11 at the end of the array:
New array: array('i', [2, 4, 6, 8, 9, 11])
Original array: array('i', [19, 22, 28, 29, 5, 1, 14, 2])
Reverse the order of the items:
array('i', [2, 14, 1, 5, 29, 28, 22, 19])
False
True
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