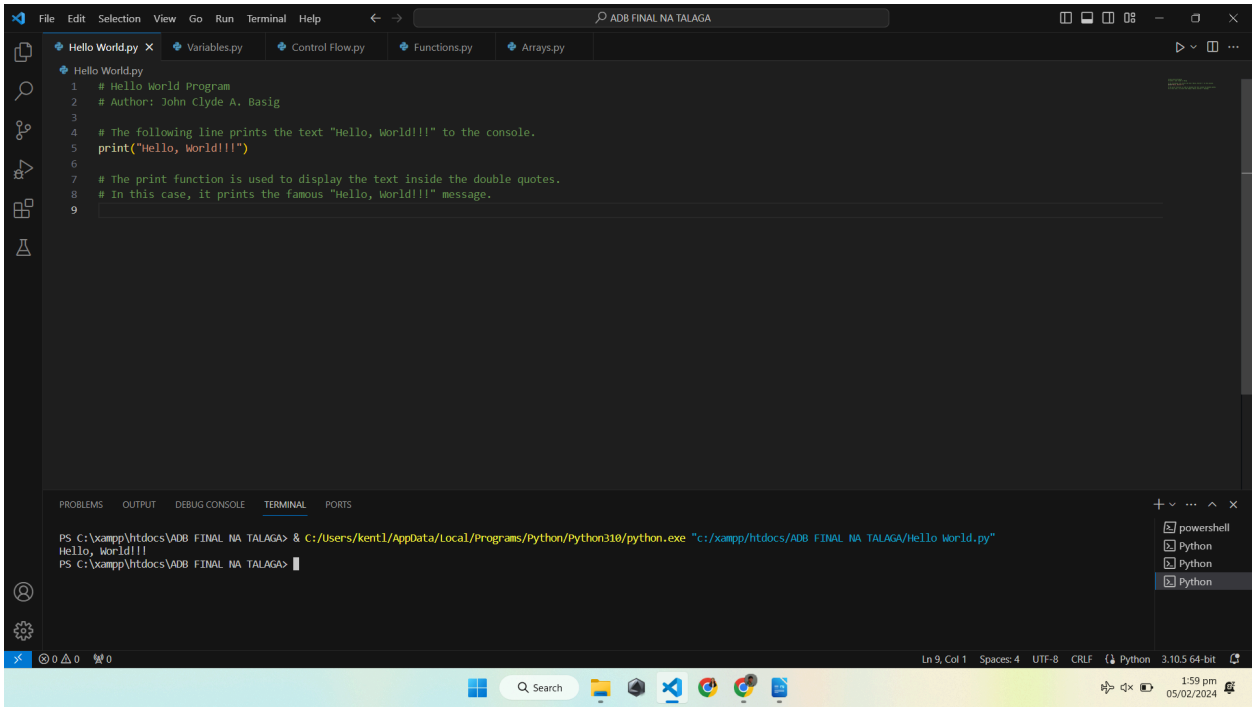
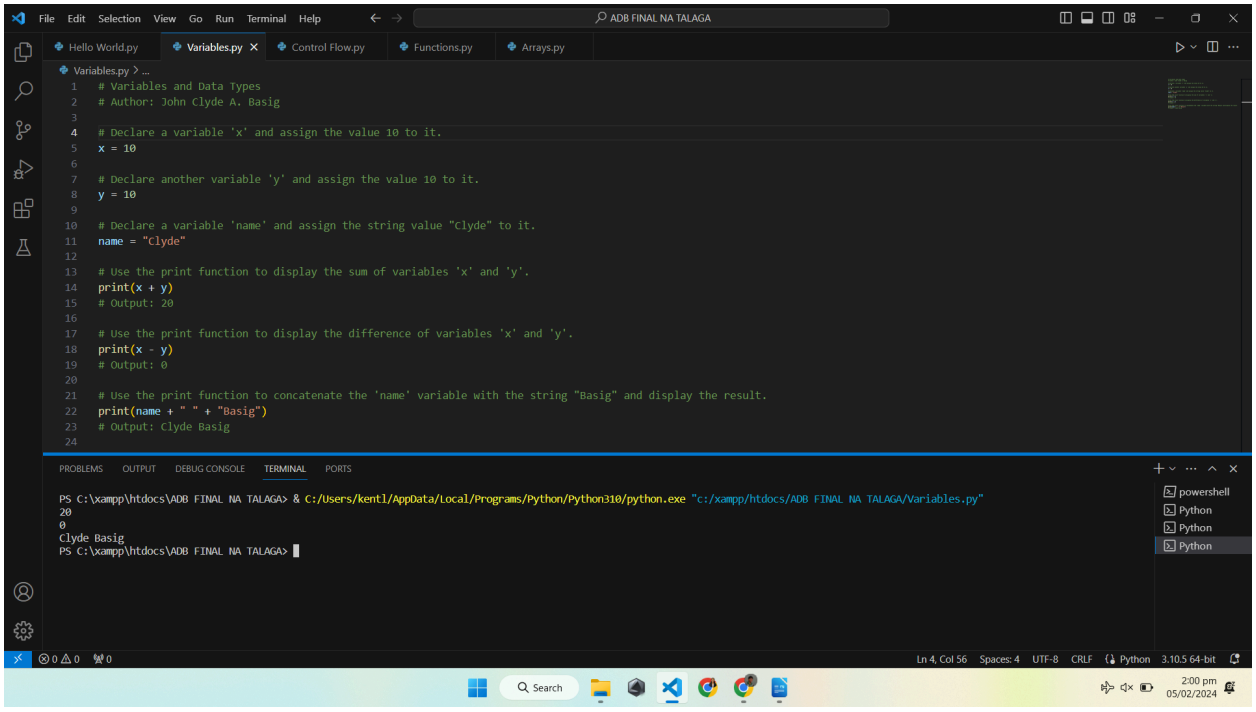
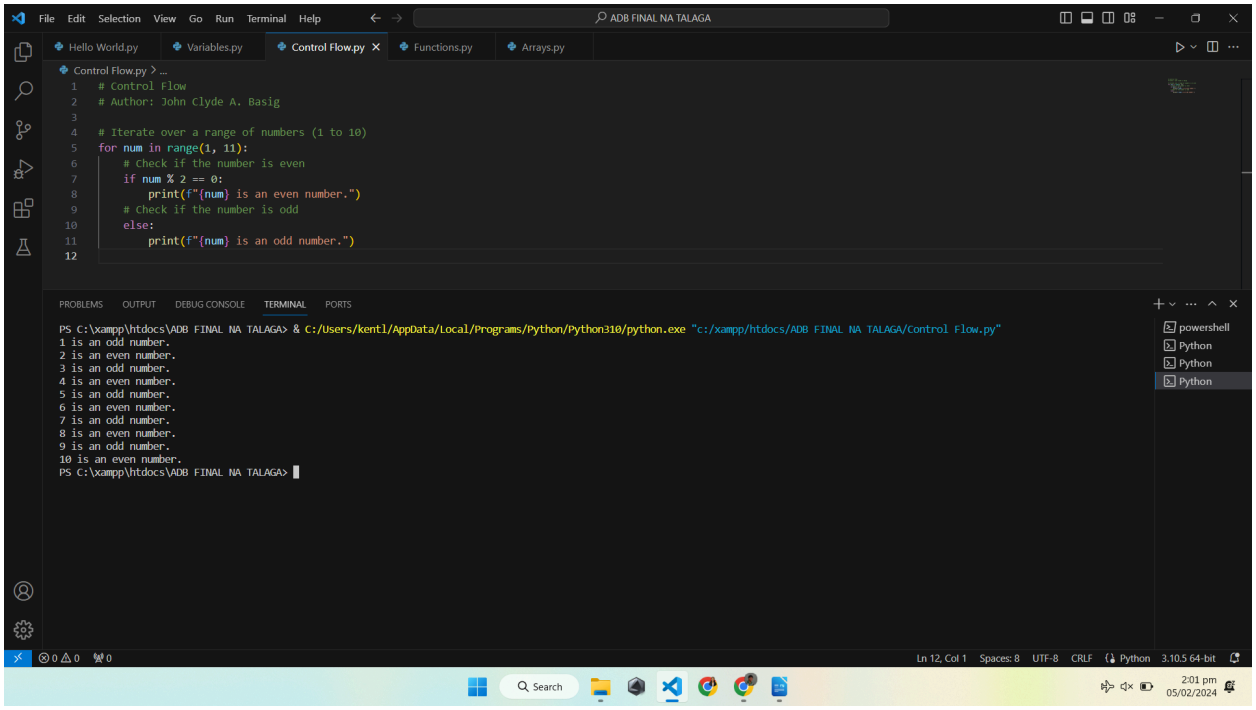
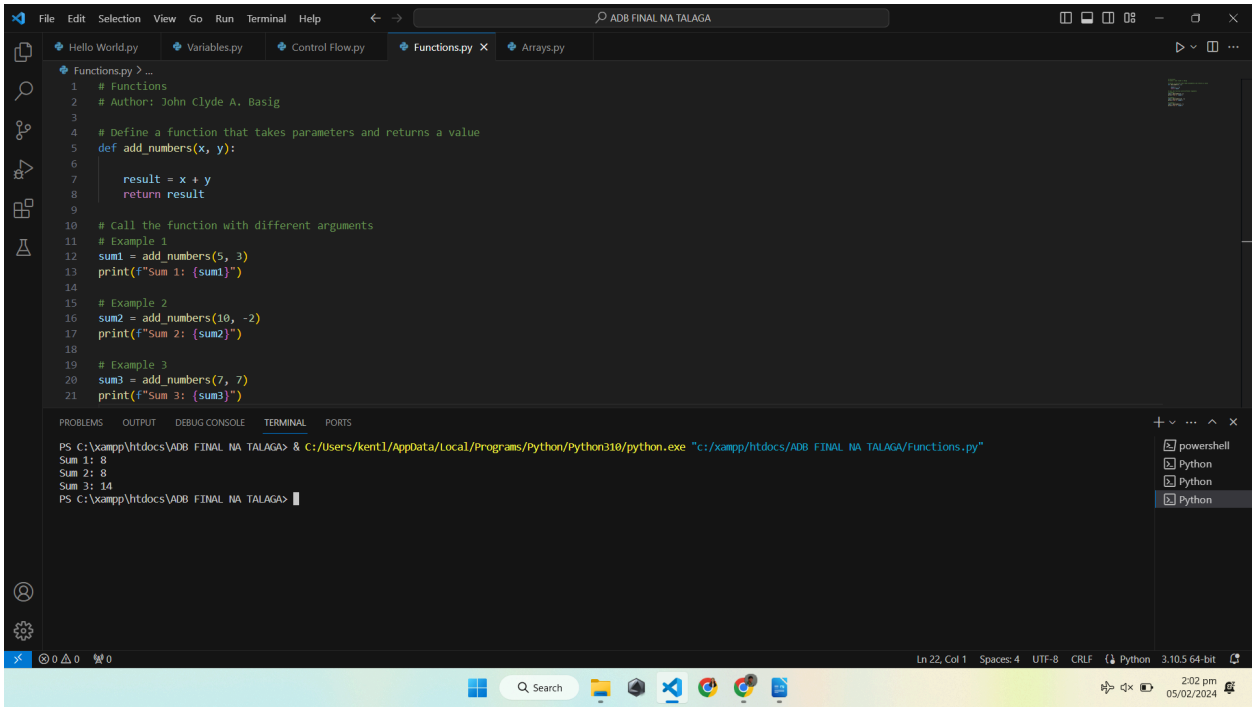
Lab-Act-1
Basig, John Clyde A.
BSCS-3-B2






File Edit Selection View Go Run Terminal Help
ADB FINAL NA TALAGA
Hello World.py
Variables.py
Control Flow.py
Functions.py
Arrays.py
Control Flow.py > ...
1 # Control Flow
2 # Author: John Clyde A. Basig
3
4 # Iterate over a range of numbers (1 to 10)
5 for num in range(1, 11):
6 # Check if the number is even
7 if num % 2 == 0:
8 print(f"{num} is an even number.")
9 # Check if the number is odd
10 else:
11 print(f"{num} is an odd number.")
12
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\xampp\htdocs\ADB FINAL NA TALAGA> & C:/Users/kentl/AppData/Local/Programs/Python/Python310/python.exe "c:/xampp/htdocs/ADB FINAL NA TALAGA/Control Flow.py"
1 is an odd number.
2 is an even number.
3 is an odd number.
4 is an even number.
5 is an odd number.
6 is an even number.
7 is an odd number.
8 is an even number.
9 is an odd number.
10 is an even number.
PS C:\xampp\htdocs\ADB FINAL NA TALAGA>
powershell
Python
Python
Python
Ln 12, Col 1 Spaces: 8 UTF-8 CRLF Python 3.10.5 64-bit
Search
2:01 pm
05/02/2024


File Edit Selection View Go Run Terminal Help
ADB FINAL NA TALAGA
Hello World.py
Variables.py
Control Flow.py
Functions.py
Arrays.py
Functions.py > ...
1 # Functions
2 # Author: John Clyde A. Basig
3
4 # Define a function that takes parameters and returns a value
5 def add_numbers(x, y):
6
7 result = x + y
8 return result
9
10 # Call the function with different arguments
11 # Example 1
12 sum1 = add_numbers(5, 3)
13 print(f"Sum 1: {sum1}")
14
15 # Example 2
16 sum2 = add_numbers(10, -2)
17 print(f"Sum 2: {sum2}")
18
19 # Example 3
20 sum3 = add_numbers(7, 7)
21 print(f"Sum 3: {sum3}")
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\xampp\htdocs\ADB FINAL NA TALAGA> & C:/Users/kentl/AppData/Local/Programs/Python/Python310/python.exe "c:/xampp/htdocs/ADB FINAL NA TALAGA/Functions.py"
Sum 1: 8
Sum 2: 8
Sum 3: 14
PS C:\xampp\htdocs\ADB FINAL NA TALAGA>
powershell
Python
Python
Python
Ln 22, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.5 64-bit
Search
2:02 pm
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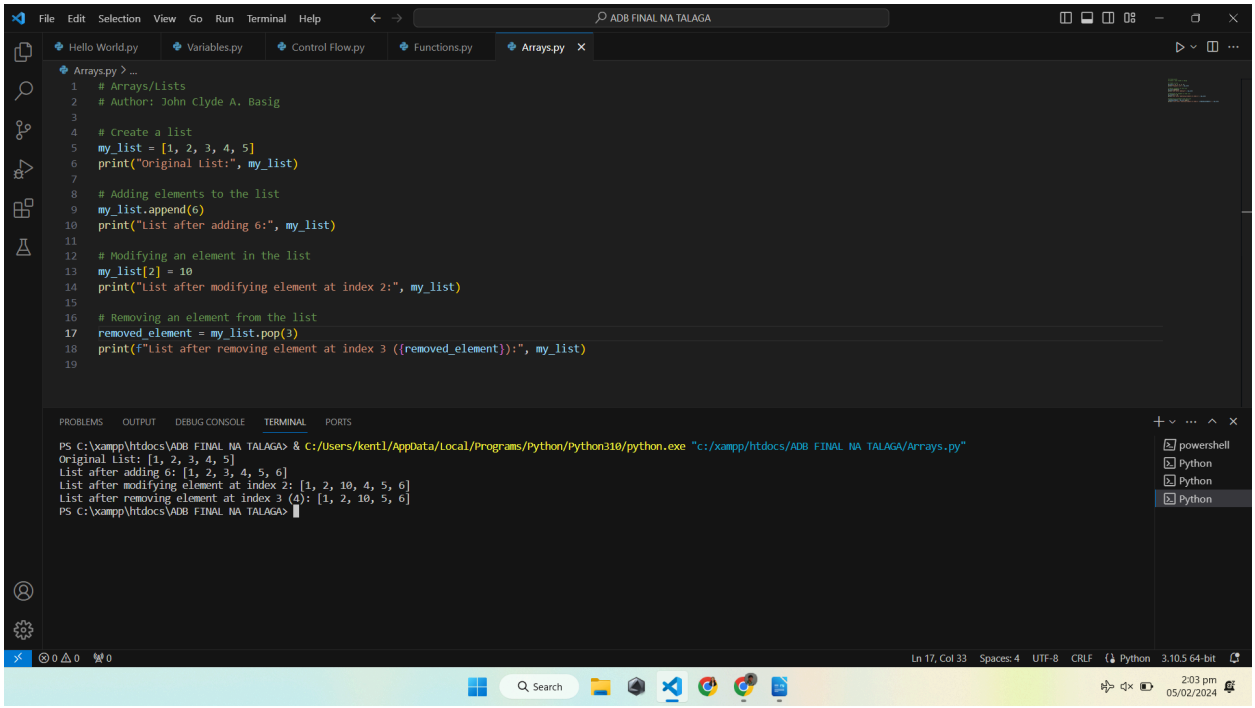
File Edit Selection View Go Run Terminal Help
ADB FINAL NA TALAGA
Hello World.py
Variables.py
Control Flow.py
Functions.py
Arrays.py
Arrays.py > ...
1 # Arrays/Lists
2 # Author: John Clyde A. Basig
3
4 # Create a list
5 my_list = [1, 2, 3, 4, 5]
6 print("Original List:", my_list)
7
8 # Adding elements to the list
9 my_list.append(6)
10 print("List after adding 6:", my_list)
11
12 # Modifying an element in the list
13 my_list[2] = 10
14 print("List after modifying element at index 2:", my_list)
15
16 # Removing an element from the list
17 removed_element = my_list.pop(3)
18 print(f"List after removing element at index 3 ({removed_element}):", my_list)
19
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\xampp\htdocs\ADB FINAL NA TALAGA> & C:/Users/kentl/AppData/Local/Programs/Python/Python310/python.exe "c:/xampp/htdocs/ADB FINAL NA TALAGA/Arrays.py"
Original List: [1, 2, 3, 4, 5]
List after adding 6: [1, 2, 3, 4, 5, 6]
List after modifying element at index 2: [1, 2, 10, 4, 5, 6]
List after removing element at index 3 (4): [1, 2, 10, 5, 6]
PS C:\xampp\htdocs\ADB FINAL NA TALAGA>
powershell
Python
Python
Python
Ln 17, Col 33 Spaces: 4 UTF-8 CRLF Python 3.10.5 64-bit
Search
2:03 pm
05/02/2024