

The screenshot shows a Visual Studio Code editor window with a file named `grp7_tiqui_ex6.py`. The editor contains the following Python code:

```
1 # Write a Python function to find the maximum of three numbers
2
3 def find_max_of_three(x, y, z):
4     return max(x, y, z)
5
6 result = find_max_of_three(54, 22, 39)
7 print(f"The maximum of the three numbers is: {result}")
8
```

Below the editor, the TERMINAL panel shows the command prompt output:

```
PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex6.py
The maximum of the three numbers is: 54
PS C:\Python>
```

The status bar at the bottom indicates the cursor is at line 8, column 1, with 4 spaces, UTF-8 encoding, CRLF line endings, and Python 3.12.1 64-bit.

The screenshot shows a Visual Studio Code editor window with a file named `grp7_tiqui_ex6.py`. The editor contains the following Python code:

```
1 # Write a Python function to sum all the numbers in a list.
2 def sum_of_numbers(numbers):
3     return sum(numbers)
4
5 numbers_list = [12, 34, 56, 78, 99]
6 result = sum_of_numbers(numbers_list)
7 print(result)
8
```

Below the editor, the TERMINAL panel shows the command prompt output:

```
PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex6.py
279
PS C:\Python>
```

The status bar at the bottom indicates the cursor is at line 8, column 1, with 4 spaces, UTF-8 encoding, CRLF line endings, and Python 3.12.1 64-bit.

```
File Edit Selection View Go Run ... Python
grp7_tiqui_ex6.py X
grp7_tiqui_ex6.py > ...
1 # Write a Python function that accepts a string
2 # and counts the number of upper and lower case letters.
3
4 def count_upper_lower(input_string):
5     upper_count = sum(1 for char in input_string if char.isupper())
6     lower_count = sum(1 for char in input_string if char.islower())
7     return upper_count, lower_count
8
9 test_string = "Hello, This is Liezel from CS3C "
10 upper, lower = count_upper_lower(test_string)
11 print("Uppercase count:", upper)
12 print("Lowercase count:", lower)
13

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python + - - - - -

PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex6.py
Uppercase count: 6
Lowercase count: 18
PS C:\Python>
```

Ln 13, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.1 64-bit

Type here to search 30°C Mostly sunny 6:49 PM 2/27/2024

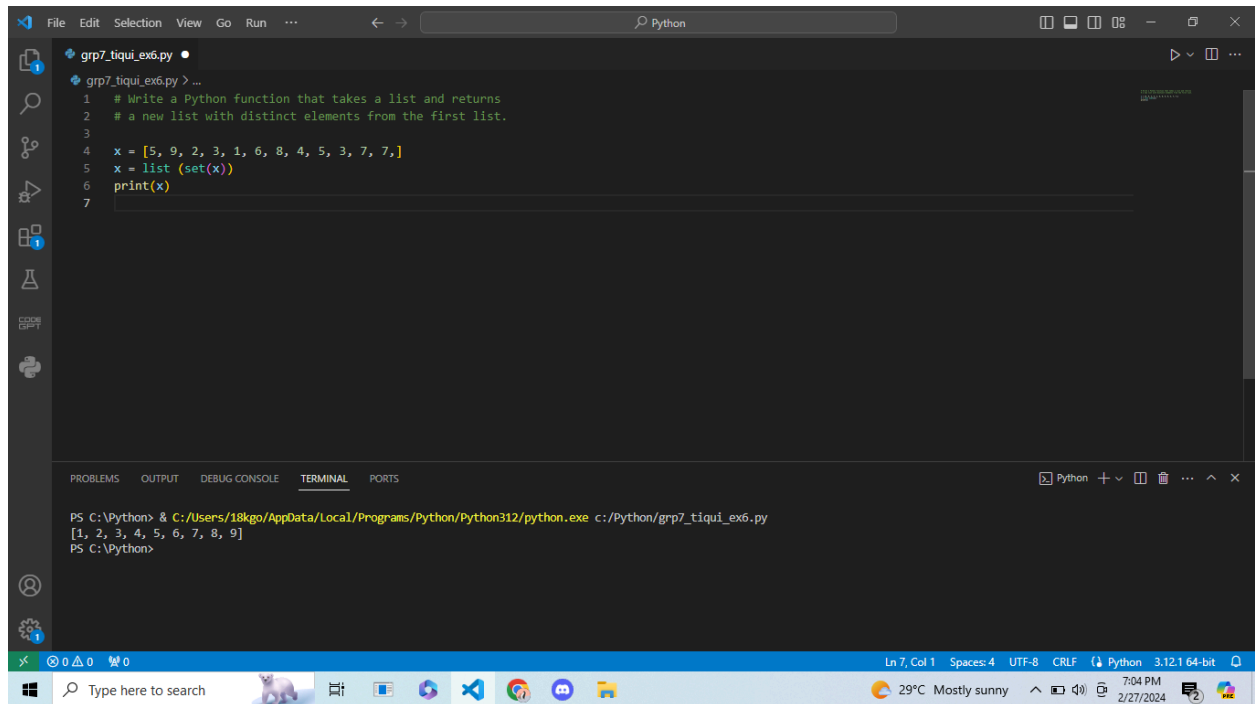
```
File Edit Selection View Go Run ... Python
grp7_tiqui_ex6.py X
grp7_tiqui_ex6.py > ...
1 # Write a Python program to reverse a string
2 def reverse_string(input_string):
3     return input_string[::-1]
4
5 original_string = "Coding is really fun "
6 result = reverse_string(original_string)
7 print(result)
8

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Python + - - - - -

PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex6.py
nuf yllaer si gnicdoC
PS C:\Python>
```

Ln 8, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.1 64-bit

Type here to search 30°C Mostly sunny 6:44 PM 2/27/2024



The image shows a Visual Studio Code editor window with a Python file named `grp7_tiqui_ex6.py`. The code in the file is as follows:

```
1 # Write a Python function that takes a list and returns
2 # a new list with distinct elements from the first list.
3
4 x = [5, 9, 2, 3, 1, 6, 8, 4, 5, 3, 7, 7,]
5 x = list (set(x))
6 print(x)
7
```

The terminal at the bottom shows the command to run the script and its output:

```
PS C:\Python> & C:/Users/18kgo/AppData/Local/Programs/Python/Python312/python.exe c:/Python/grp7_tiqui_ex6.py
[1, 2, 3, 4, 5, 6, 7, 8, 9]
PS C:\Python>
```

The status bar at the bottom indicates the current line and column (Ln 7, Col 1), the number of spaces (4), the encoding (UTF-8), the line ending (CRLF), the Python version (3.12.1 64-bit), and the system clock (7:04 PM, 2/27/2024).