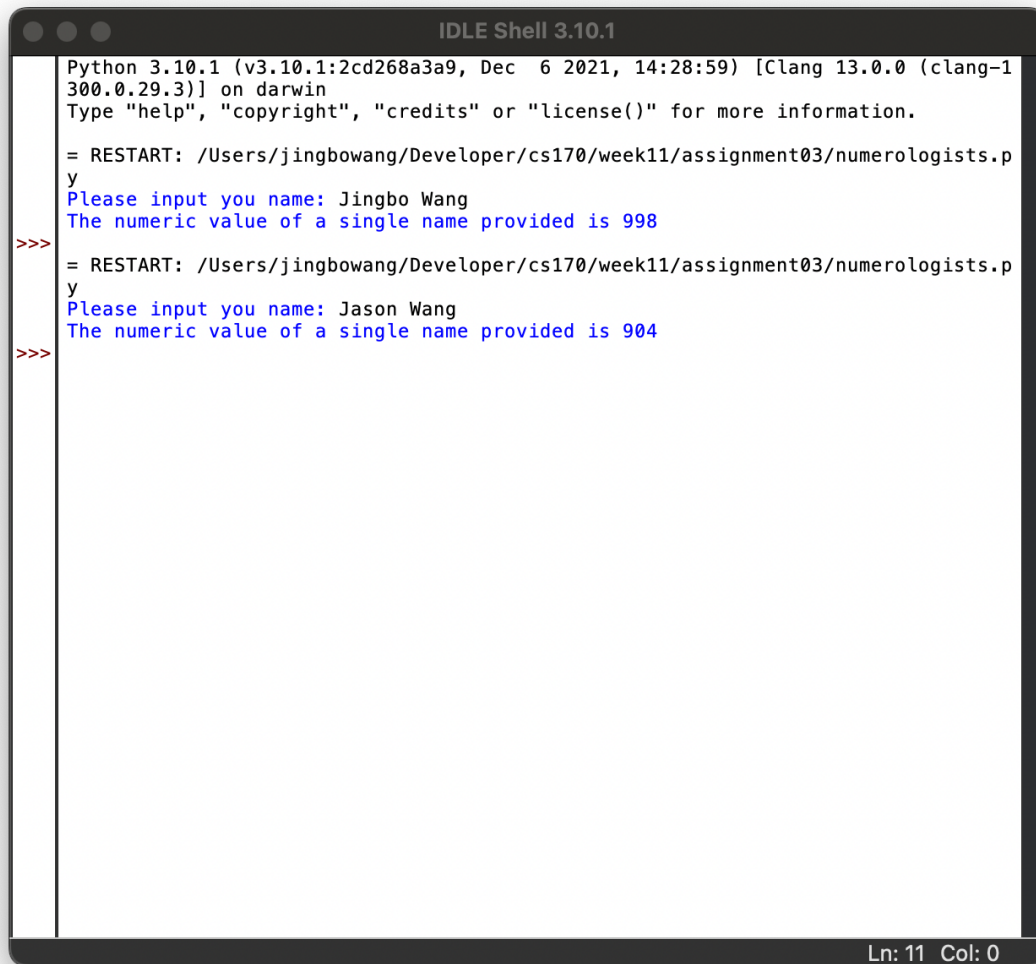


1. Numerologists.py

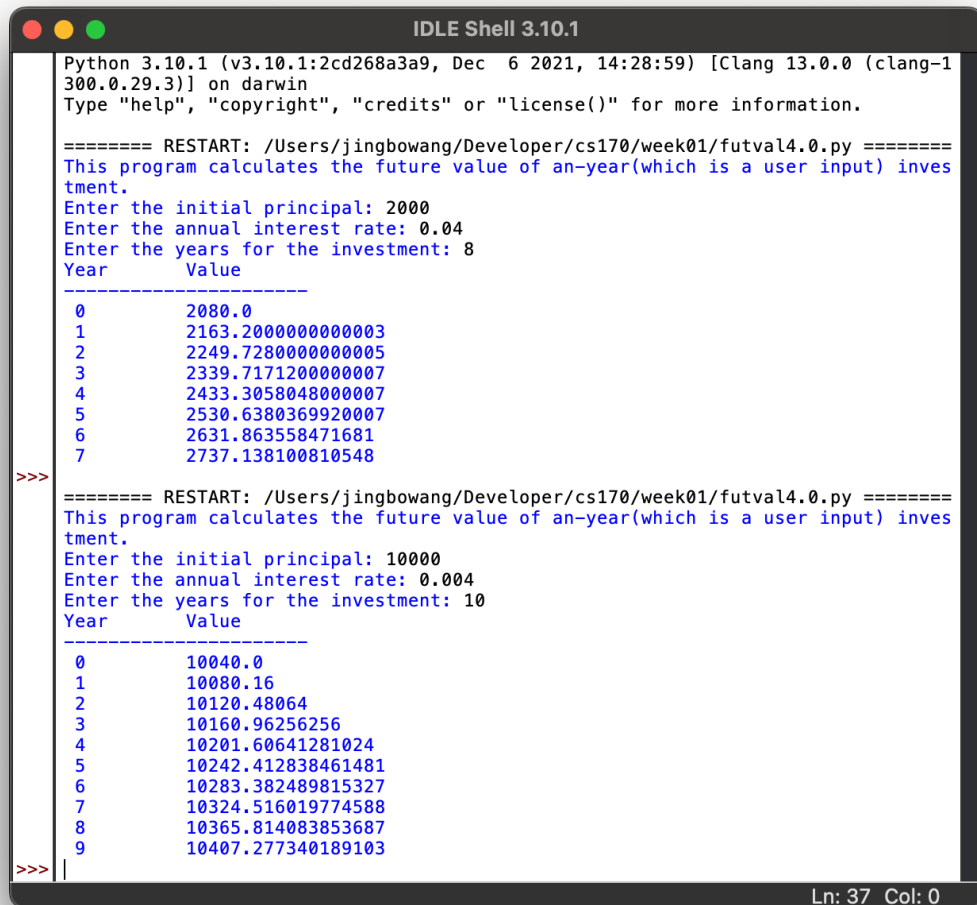


```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

= RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/numerologists.py
Please input you name: Jingbo Wang
The numeric value of a single name provided is 998
>>>
= RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/numerologists.py
Please input you name: Jason Wang
The numeric value of a single name provided is 904
>>>
```

Ln: 11 Col: 0

2. futval4.0



```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

===== RESTART: /Users/jingbowang/Developer/cs170/week01/futval4.0.py =====
This program calculates the future value of an-year(which is a user input) investment.
Enter the initial principal: 2000
Enter the annual interest rate: 0.04
Enter the years for the investment: 8
Year      Value
-----
0          2080.0
1        2163.2000000000003
2        2249.7280000000005
3        2339.7171200000007
4        2433.3058048000007
5        2530.638036920007
6        2631.863558471681
7        2737.138100810548
>>>

===== RESTART: /Users/jingbowang/Developer/cs170/week01/futval4.0.py =====
This program calculates the future value of an-year(which is a user input) investment.
Enter the initial principal: 10000
Enter the annual interest rate: 0.004
Enter the years for the investment: 10
Year      Value
-----
0          10040.0
1          10080.16
2          10120.48064
3          10160.96256256
4          10201.60641281024
5          10242.412838461481
6          10283.382489815327
7          10324.516019774588
8          10365.814083853687
9          10407.277340189103
>>>
```

Ln: 37 Col: 0

3. count.py



```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

==== RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/count.py ====
>>>
==== RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/count.py ====
Total lines: 6
Total words: 34
Total characters: 138
>>>
```

Ln: 4 Col: 0

4. score.py

Student Score

Wang Jingbo

Chen Yaoxi

Ba Xin

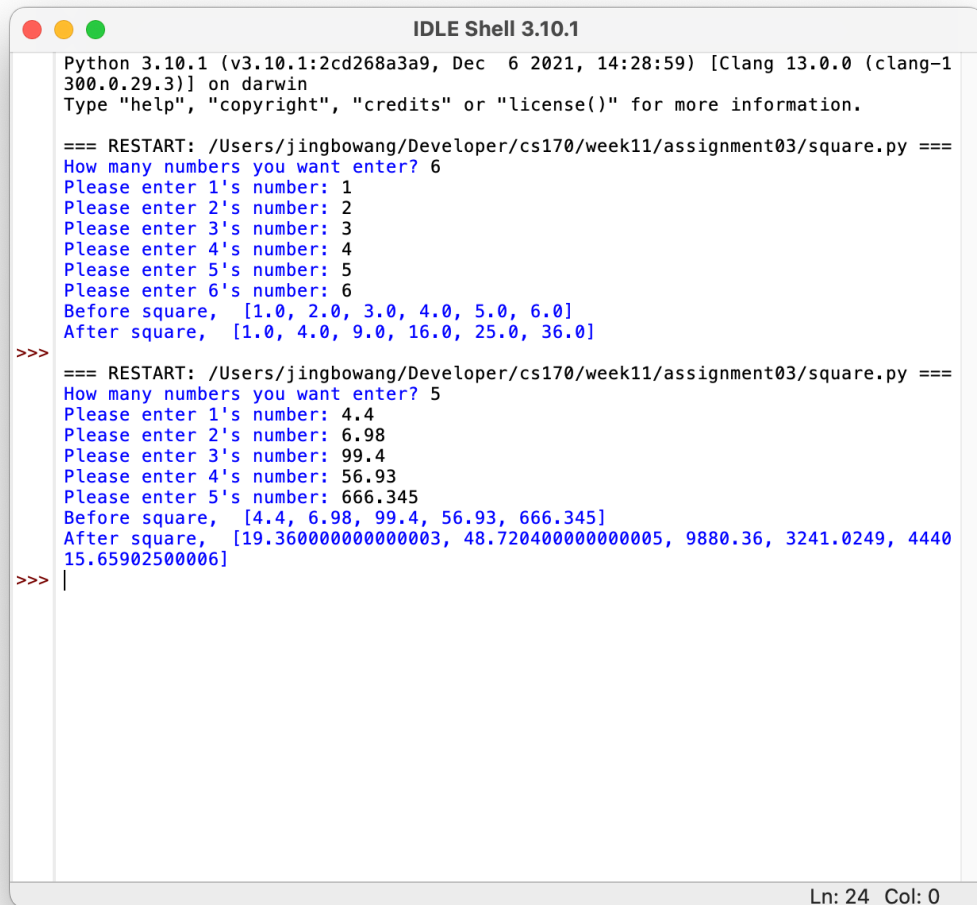
5. sphere.py



```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/sphere.py ===
Please enter a radius: 6.88
sphere area is 594.8216132083228
sphere volume is 1364.1242329577535
>>>
=== RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/sphere.py ===
Please enter a radius: 9.53
sphere area is 1141.289088929653
sphere volume is 3625.4950058331965
>>> |
```

Ln: 13 Col: 0

6. square.py



```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.

=== RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/square.py ===
How many numbers you want enter? 6
Please enter 1's number: 1
Please enter 2's number: 2
Please enter 3's number: 3
Please enter 4's number: 4
Please enter 5's number: 5
Please enter 6's number: 6
Before square, [1.0, 2.0, 3.0, 4.0, 5.0, 6.0]
After square, [1.0, 4.0, 9.0, 16.0, 25.0, 36.0]
>>>

=== RESTART: /Users/jingbowang/Developer/cs170/week11/assignment03/square.py ===
How many numbers you want enter? 5
Please enter 1's number: 4.4
Please enter 2's number: 6.98
Please enter 3's number: 99.4
Please enter 4's number: 56.93
Please enter 5's number: 666.345
Before square, [4.4, 6.98, 99.4, 56.93, 666.345]
After square, [19.36000000000003, 48.72040000000005, 9880.36, 3241.0249, 444015.6590250006]
>>> |
```

Ln: 24 Col: 0

7. emoji.py

