

prob1

```
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Python 3.3.3 Shell

e a , 'fart' , 'fart' , '. Old MacDonald had a farm, Ee-igh, Ee-igh, Oh!')
('Old MacDonald had a farm, Ee-igh, Ee-igh, Oh! And on that
farm he had an , 'cow' , 'Ee-igh, Ee-igh, Oh! With a , 'm
oo' , 'moo' , 'here and a , 'moo' , 'moo' , 'there.
Here a , 'moo' , 'here and a , 'moo' , 'everywhere a' , 'mo
o' , 'moo' , ' . Old MacDonald had a farm, Ee-igh, Ee-igh
, Oh!')
('Old MacDonald had a farm, Ee-igh, Ee-igh, Oh! And on that
farm he had an , 'cat' , 'Ee-igh, Ee-igh, Oh! With a , 'm
eow' , 'meow' , 'here and a , 'meow' , 'meow' , 'th
ere. Here a , 'meow' , 'here and a , 'meow' , 'everywhere
a' , 'meow' , 'meow' , ' . Old MacDonald had a farm, Ee-igh
h, Ee-igh, Oh!')
('Old MacDonald had a farm, Ee-igh, Ee-igh, Oh! And on that
farm he had an , 'bird' , 'Ee-igh, Ee-igh, Oh! With a , 's
quack' , 'squack' , 'here and a , 'squack' , 'squack' , 'squa
ck' , 'there. Here a , 'squack' , 'here and a , 'squack' ,
' everywhere a , 'squack' , 'squack' , ' . Old MacDonald
had a farm, Ee-igh, Ee-igh, Oh!')
('Old MacDonald had a farm, Ee-igh, Ee-igh, Oh! And on that
farm he had an , 'catapallars' , 'Ee-igh, Ee-igh, Oh! With a
'scoot' , 'scout' , 'here and a , 'scout' , 'scout' , 's
coot' , 'there. Here a , 'scout' , 'here and a , 'scout' ,
' everywhere a , 'scout' , 'scout' , ' . Old MacDonald ha
d a farm, Ee-igh, Ee-igh, Oh!')

>>> ===== RESTART =====
>>>
Enter the radius of a sphere to get its area: 33
The area is: 314.1592653589793
>>> ===== RESTART =====
>>>
Enter the radius of a sphere to get its area: 3
The area is: 314.1592653589793
Enter the radius of a sphere to get its volume: 3
The volume is: 523.5987755982989
>>>
```

prob5

```

=====
>>>
Enter the radius of a sphere to get its area: 33
The area is: 314.1592653589793
>>> ===== RESTART =====
>>>
Enter the radius of a sphere to get its area: 3
The area is: 314.1592653589793
Enter the radius of a sphere to get its volume: 3
The volume is: 523.5987755982989
>>> ===== RESTART =====
>>>
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/python/ch6prob5.py", line 11, in <module>
    area = pazzaArea(8)
NameError: name 'pazzaArea' is not defined
>>> ===== RESTART =====
>>>
201.06192982974676
>>> ===== RESTART =====
>>>
201.06192982974676
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/python/ch6prob5.py", line 12, in <module>
    print(pricePerSqIn(8))
TypeError: pricePerSqIn() missing 1 required positional argument: 'PriceOfPizza'
>>> ===== RESTART =====
>>>
201.06192982974676
1.0
>>>

```

prob7

```

else: return F(n-1)+F(n-2)
NameError: global name 'F' is not defined
>>> =====
>>>
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/python/ch6prob7.py", line 7, in <module>
    print (fib(5))
  File "/Users/hunterjamesnelson/Documents/python/ch6prob7.py", line 5, in fib
    else: return fib(n-1)+F(n-2)
  File "/Users/hunterjamesnelson/Documents/python/ch6prob7.py", line 5, in fib
    else: return fib(n-1)+F(n-2)
  File "/Users/hunterjamesnelson/Documents/python/ch6prob7.py", line 5, in fib
    else: return fib(n-1)+F(n-2)
  File "/Users/hunterjamesnelson/Documents/python/ch6prob7.py", line 5, in fib
    else: return fib(n-1)+F(n-2)
  File "/Users/hunterjamesnelson/Documents/python/ch6prob7.py", line 5, in fib
    else: return fib(n-1)+F(n-2)
NameError: global name 'F' is not defined
>>> =====
>>>
5
>>> =====
>>>
>>> =====
>>>
>>> =====
>>>
13
>>>

```

prob9

```
Python 3.3.3 Shell
ch6prob9.py - /Users/hunterjamesnelson/Documents/python/ch6/ch6prob9.py

>>> =====
>>> 5
>>> =====
>>>
>>> =====
>>>
>>> =====
>>>
>>> 13
>>> =====
>>>
>>> Traceback (most recent call last):
>>>   File "/Users/hunterjamesnelson/Documents/python/ch6/ch6prob9.py", line 4, in <module>
>>>     print(gradeIt(2))
>>> TypeError: 'function' object is not subscriptable
>>> =====
>>>
>>> Traceback (most recent call last):
>>>   File "/Users/hunterjamesnelson/Documents/python/ch6/ch6prob9.py", line 4, in <module>
>>>     print(gradeIt(20))
>>>   File "/Users/hunterjamesnelson/Documents/python/ch6/ch6prob9.py", line 3, in gradeIt
>>>     return grades[grade]
>>> IndexError: string index out of range
>>> =====
>>>
>>> D
>>>

Ln: 5 Col: 0
```

prob11

```
Python 3.3.3 Shell
ch6prob11.py - /Users/hunterjamesnelson/Documents/python/ch6/ch6prob11.py

>>> =====
>>>
>>> =====
>>>
>>> =====
>>>
>>> 13
>>> =====
>>>
>>> Traceback (most recent call last):
>>>   File "/Users/hunterjamesnelson/Documents/python/ch6/ch6prob11.py", line 4, in <module>
>>>     print(gradeIt(2))
>>> TypeError: 'function' object is not subscriptable
>>> =====
>>>
>>> Traceback (most recent call last):
>>>   File "/Users/hunterjamesnelson/Documents/python/ch6/ch6prob11.py", line 4, in <module>
>>>     print(gradeIt(20))
>>>   File "/Users/hunterjamesnelson/Documents/python/ch6/ch6prob11.py", line 3, in gradeIt
>>>     return grades[grade]
>>> IndexError: string index out of range
>>> =====
>>>
>>> D
>>> =====
>>>
>>> [4, 16, 36, 64]
>>>

Ln: 1 Col: 1
```