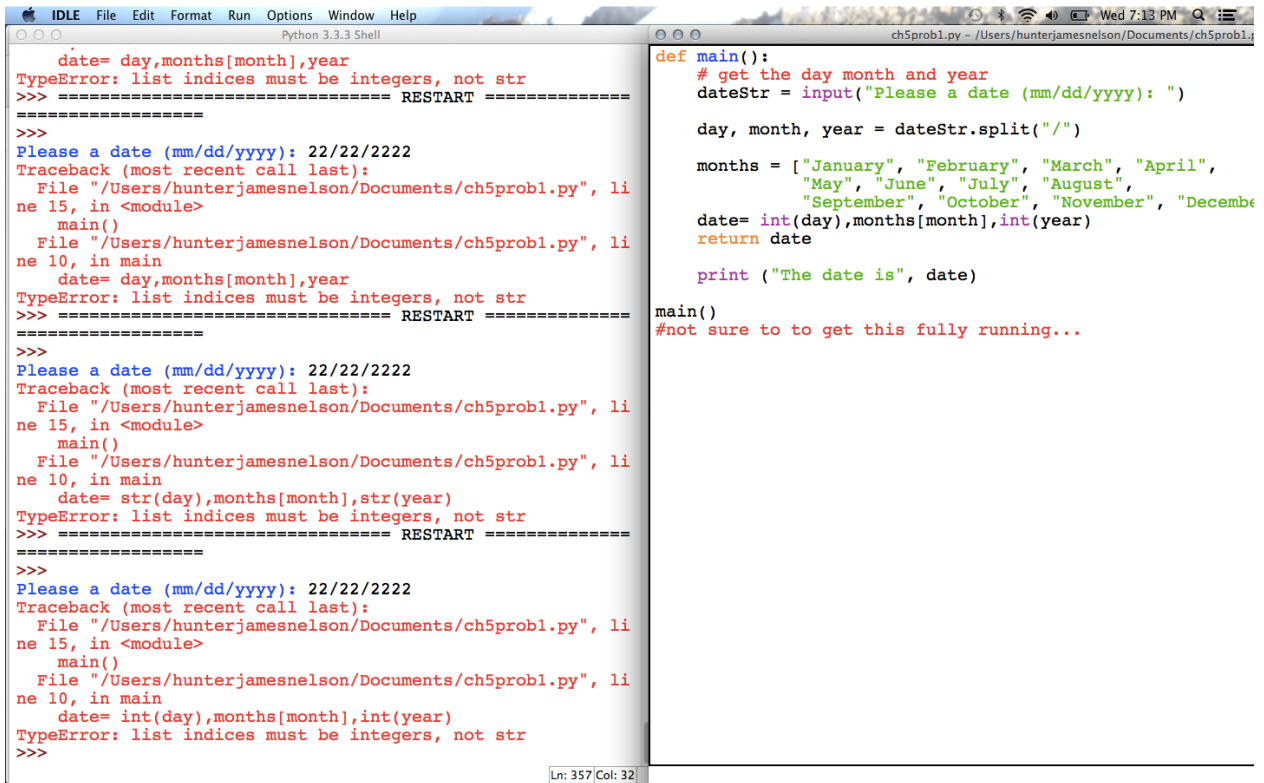zelle ch5

prob1

```
         .
      date= day,months[month],year
TypeError: list indices must be integers, not str
>>> ============================= RESTART ==============
==================
>>>
Please a date (mm/dd/yyyy): 22/22/2222
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/ch5prob1.py", li
ne 15, in <module>
    main()
  File "/Users/hunterjamesnelson/Documents/ch5prob1.py", li
ne 10, in main
    date= day,months[month],year
TypeError: list indices must be integers, not str
>>> ============================= RESTART ==============
==================
>>>
Please a date (mm/dd/yyyy): 22/22/2222
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/ch5prob1.py", li
ne 15, in <module>
    main()
  File "/Users/hunterjamesnelson/Documents/ch5prob1.py", li
ne 10, in main
    date= str(day),months[month],str(year)
TypeError: list indices must be integers, not str
>>> ============================= RESTART ==============
==================
>>>
Please a date (mm/dd/yyyy): 22/22/2222
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/ch5prob1.py", li
ne 15, in <module>
    main()
  File "/Users/hunterjamesnelson/Documents/ch5prob1.py", li
ne 10, in main
    date= int(day),months[month],int(year)
TypeError: list indices must be integers, not str
>>>
```

```python
def main():
    # get the day month and year
    dateStr = input("Please a date (mm/dd/yyyy): ")

    day, month, year = dateStr.split("/")

    months = ["January", "February", "March", "April",
              "May", "June", "July", "August",
              "September", "October", "November", "Decembe
    date= int(day),months[month],int(year)
    return date

    print ("The date is", date)

main()
#not sure to to get this fully running...
```
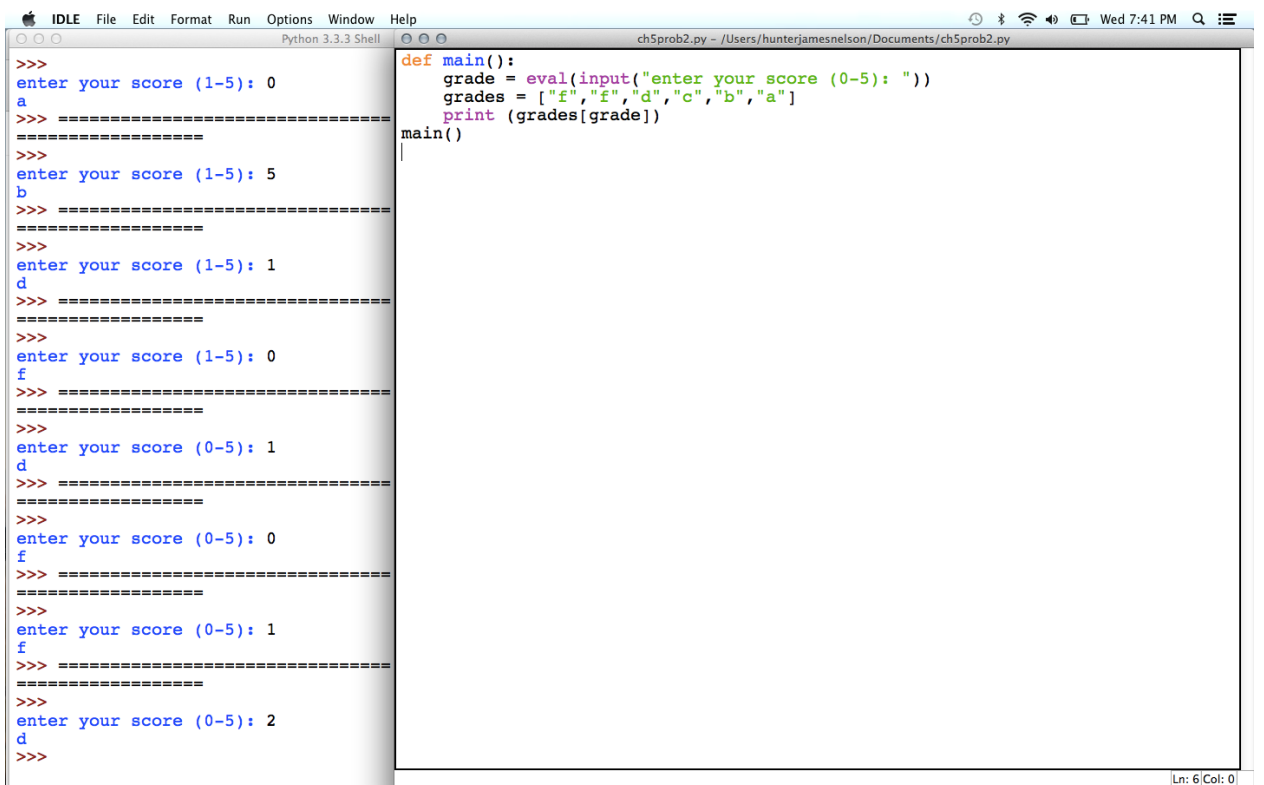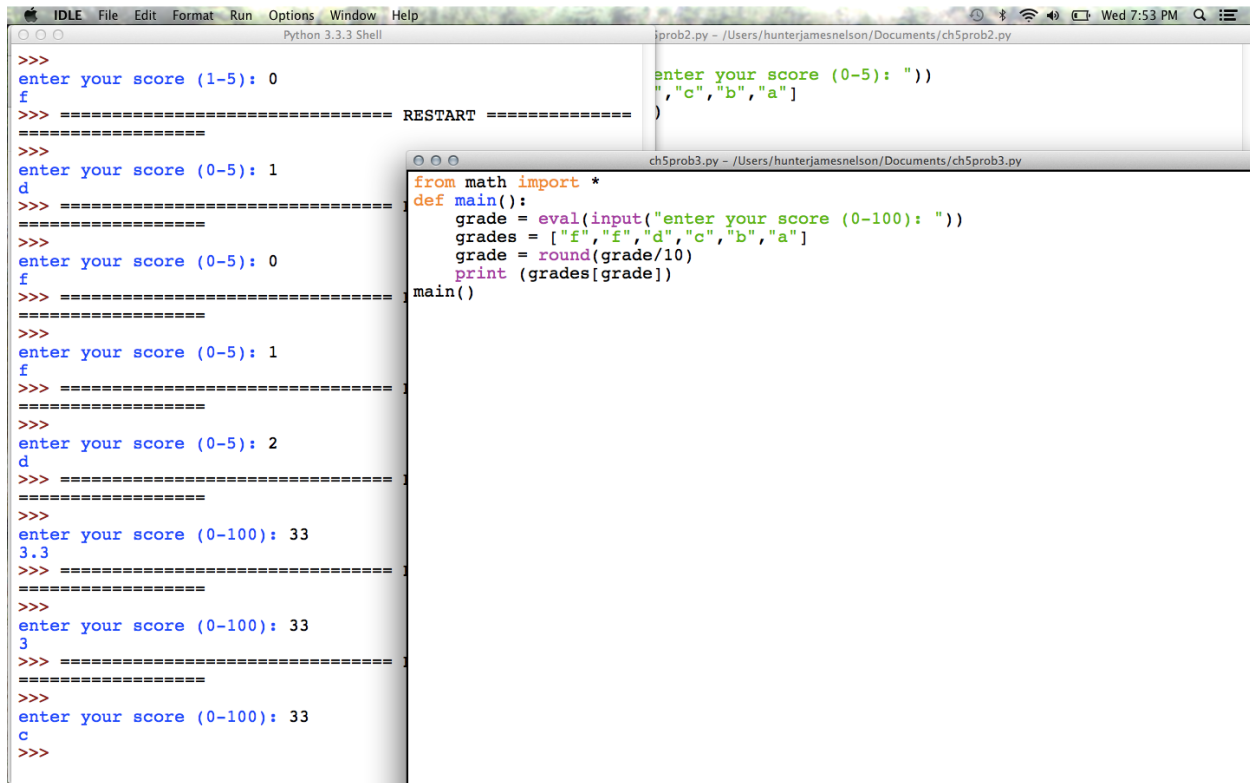
prob2

```
>>>
enter your score (1-5): 0
a
>>> ================================
==================
>>>
enter your score (1-5): 5
b
>>> ================================
==================
>>>
enter your score (1-5): 1
d
>>> ================================
==================
>>>
enter your score (1-5): 0
f
>>> ================================
==================
>>>
enter your score (0-5): 1
d
>>> ================================
==================
>>>
enter your score (0-5): 0
f
>>> ================================
==================
>>>
enter your score (0-5): 1
f
>>> ================================
==================
>>>
enter your score (0-5): 2
d
>>>
```

```python
def main():
    grade = eval(input("enter your score (0-5): "))
    grades = ["f","f","d","c","b","a"]
    print (grades[grade])
main()
```
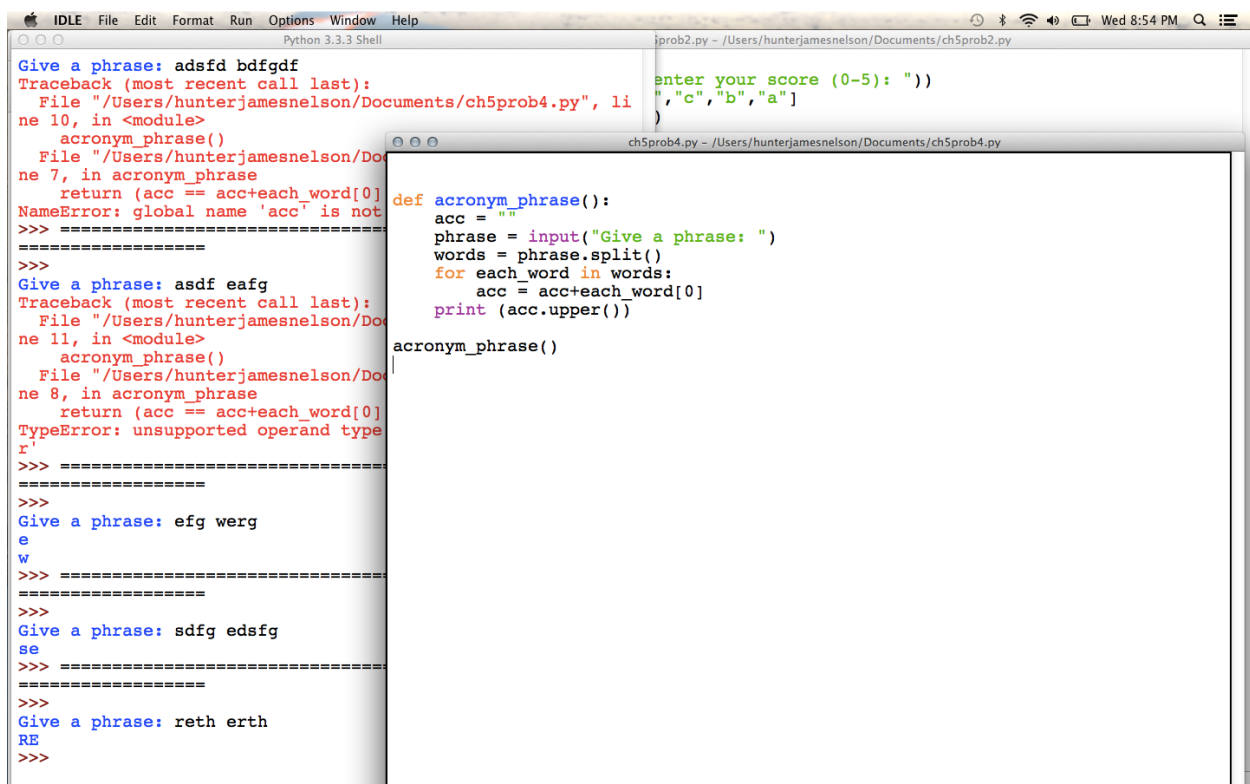
prob3

Python 3.3.3 Shell

```
>>>
enter your score (1-5): 0
f
>>> ============================ RESTART =============
==================
>>>
enter your score (0-5): 1
d
>>> ============================
==================
>>>
enter your score (0-5): 0
f
>>> ============================
==================
>>>
enter your score (0-5): 1
f
>>> ============================
==================
>>>
enter your score (0-5): 2
d
>>> ============================
==================
>>>
enter your score (0-100): 33
3.3
>>> ============================
==================
>>>
enter your score (0-100): 33
3
>>> ============================
==================
>>>
enter your score (0-100): 33
c
>>>
```

ch5prob3.py – /Users/hunterjamesnelson/Documents/ch5prob3.py

```python
from math import *
def main():
    grade = eval(input("enter your score (0-100): "))
    grades = ["f","f","d","c","b","a"]
    grade = round(grade/10)
    print (grades[grade])
main()
```

prob4

Python 3.3.3 Shell

```
Give a phrase: adsfd bdfgdf
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Documents/ch5prob4.py", li
ne 10, in <module>
    acronym_phrase()
  File "/Users/hunterjamesnelson/Do
ne 7, in acronym_phrase
    return (acc == acc+each_word[0]
NameError: global name 'acc' is not
>>> ============================
==================
>>>
Give a phrase: asdf eafg
Traceback (most recent call last):
  File "/Users/hunterjamesnelson/Do
ne 11, in <module>
    acronym_phrase()
  File "/Users/hunterjamesnelson/Do
ne 8, in acronym_phrase
    return (acc == acc+each_word[0]
TypeError: unsupported operand type
r'
>>> ============================
==================
>>>
Give a phrase: efg werg
e
w
>>> ============================
==================
>>>
Give a phrase: sdfg edsfg
se
>>> ============================
==================
>>>
Give a phrase: reth erth
RE
>>>
```

ch5prob4.py – /Users/hunterjamesnelson/Documents/ch5prob4.py

```python
def acronym_phrase():
    acc = ""
    phrase = input("Give a phrase: ")
    words = phrase.split()
    for each_word in words:
        acc = acc+each_word[0]
    print (acc.upper())

acronym_phrase()
```