BASICS YOUR TURN #1

```python
a = input('Enter a number: ')
a = a**2
if a >= 100:
    print a
    print 'big'
elif a >= 50:
    print a
    print 'medium'
else:
    print 'too small to bother with'
```

BASICS YOUR TURN #2

```python
a = input('Enter a number: ')
for i in items:
    if i['size'] > a:
        print i['color']
```

BASICS YOUR TURN #3

```python
items = [{['color': 'red', 'size': 10}, {['color': 'blue', 'size': 3},
         {['color': 'green', 'size': 15}, {['color': 'yellow', 'size': 6]}
while True:
    a1 = input('Enter the first number: ')
    a2 = input('Enter the second number: ')
    if a2 <= a1: break
    for i in items:
        if i['size'] > a1 and i['size'] < a2:
            print i['color']
print 'Done'
```

DATA YOUR TURN #1

```python
with open('Countries.csv','rU') as f:
    rows = csv.DictReader(f)
    for r in rows:
        if r['coastline'] == 'yes' and r['EU'] == 'no':
            print r['country'], r['population']
```