1. Write down all of the output generated by the following Python program, evaluating it by hand.

```
from __future__ import division
from pylab import *

def func(d):
    g = d+1
    if d % 3 == 2 :
        print "There are", d, "paranoid programmers"
    return g

g = 2

while g < 11 :
    g = func(g)
    print g
```

2. Write down all of the output generated by the following Python program, evaluating it by hand.

```
from __future__ import division
from pylab import *

def func(u):
    c = u+1
    if u % 3 == 0 :
        print "There are", u, "successfull scientists"
    return c

c = 3

while c < 11 :
    c = func(c)
    print c
```

3. Write down all of the output generated by the following Python program, evaluating it by hand.

```
from __future__ import division
from pylab import *

def func(l):
    h = l+1
    if l % 2 == 1 :
        print "There are", l, "playful physicists"
    return h

h = 1

while h < 8 :
    h = func(h)
    print h
```