```python
if y >= 7:
    print 'answer is A'
elif x < 4:
    if y > 4:
        print 'answer is B'
    else:
        print 'answer is C'
else:
    print 'answer is D'
```

What output is generated under each of the following preconditions:

- x=4, y=4
- x=2, y=4
- x=1, y=9
- x=2, y=6

```python
if x > 5:
    if y <= 3 and x > 8:
        print 'answer is A'
    else:
        print 'answer is B'
elif y > 6 or x < 2:
    print 'answer is C'
else:
    print 'answer is D'
```

What output is generated under each of the following preconditions:

- x=4, y=4
- x=9, y=4
- x=1, y=9
- x=6, y=2
Carefully consider the following program:

```python
answer = 1
if greeting.count('a') == 1:
    if 'o' in greeting:
        if greeting.endswith('o'):
            answer = 2
        else:
            answer = 3
else:
    answer = 4
print(answer)
```

For each of the following `greeting` values, predict the output that would result.

(a) 'adieu'  
(b) 'aloha'  
(c) 'bonjour'  
(d) 'ciao'  
(e) 'dia duit'  
(f) 'goeie dag'  
(g) 'guten dag'  
(h) 'hallo'  
(i) 'hola'  
(j) 'jambo'  
(k) 'shalom'  
(l) 'salaam'  
(m) 'terve'  
(n) 'zdravo'