

```
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

```
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:

```
answer = 1
if greeting.count('a') == 1:
    if 'o' in greeting:
        if greeting.endswith('o'):
            answer = 2
        else:
            answer = 3
    elif len(greeting) < 6:
        answer = 4
print(answer)
```

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

(a) 'adieu'

(h) 'hallo'

(b) 'aloha'

(i) 'hola'

(c) 'bonjour'

(j) 'jambo'

(d) 'ciao'

(k) 'shalom'

(e) 'dia duit'

(l) 'salaam'

(f) 'goeie dag'

(m) 'terve'

(g) 'guten dag'

(n) 'zdravo'