1. What is the output of this code (what is printed)?

```python
n = 3
while n > 0:
    if (n == 5):
        n = -99
    print(n)
    n = n + 1
```

A. 3 4
B. 3 4 5
C. 3 4 -99
D. 3 4 5 -99
E. I don’t know

With each iteration n will be: 3 4 5 (which triggers conditional), then -99

so 3, 4, -99 will get printed.

2. What is the output of this code (what is printed)?

```python
n = 3
while n > 0:
    if (n == 5):
        n = -99
    print(n)
    n = n + 1
```

A. 3 4
B. 3 4 5
C. 3 4 -99
D. 3 4 5 -99
E. I don’t know

3. A valid password is one that is length 5 and starts with "xy". A valid password should terminate the loop. Which of these implements that specification?
A while True:
s = input ("Enter a password: ")
if len(s) == 5 and s[:2] == 'xy':
    break

B s = input ("Enter a password: ")
while len(s) == 5 and s[:2] == 'xy':
s = input ("Enter a password: ")

C Both A & B are correct
D Neither A or B are correct
E I don't know

4. A valid password is one that is length 5 and starts with "xy". A valid password should terminate the loop. Which of these implements that specification?

A while True:
s = input ("Enter a password: ")
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    break

B s = input ("Enter a password: ")
while len(s) == 5 and s[:2] == 'xy':
s = input ("Enter a password: ")

C Both A & B are correct
D Neither A or B are correct
E I don't know

A is correct, the loop will continue until s satisfies the specifications. B is incorrect as the loop will continue while s meets the specification, not terminate.