

Consider the following code segment:

```
a = int(input())

b = 2
c = 3

while b + 1 < a:
    print(c)
    if b % 2 == 0:
        for i in range(0, b):
            c = c + 5
    else:
        c = c - 1
    b = b + 1

print(c)
```

31. What output is generated if the user enters 4 for a?

- A. 3
- B. 3, 13
- C. 3, 13, 12
- D. 3, 18
- E. 3, 13, 12, 32

32. What output is generated if the user enters 7 for a?

- A. 3, 13, 12, 32
- B. 3, 13, 12, 32, 31, 61
- C. 3, 18, 17, 42
- D. 3, 13, 12, 32, 31
- E. 3, 18, 17, 42, 41