1) How many times will the word "hello" be output, when running the code below?

```
int x = 11;
while (x > 1) {
        System.out.println("hello");
         x = x - 4;
}
```

A) 0 times
B) 1 times
C) 3 times
D) 4 times
E) 5 times

2) Which of the statements below is NOT true based on the behavior of the code below.

```
if (num1 > 3 && num1 < 10 {
        System.out.println("A");
} else if (num1 > 3) {
        System.out.println("B");
}
```

A) The program will always output "A" if num1 is less than 10.
B) The program will not output anything if num1 is less than 3.
C) The program will always output "A" if num1 is between 3 and 10.
D) The program will never output both "A" and "B"

3) Which of the following completes the missing step of the algorithm below, which counts the number of times the letter 'e' appears in a string.

        1. Prompt the user to enter a string
        2. set counter ← 0.
        2. For each character of the string,
        3.   If the character is an 'e'
        4.   // step is missing

A) skip to the next character
B) reset the counter
C) increase the counter by 1
D) output the counter