1. What's the output of the following program?

```
int n = 0;
while (1) {
        n = n + 2;
        if (n % 3 == 0) {
                printf("***%d", n);
                break;
        }
        if (n % 5 == 0) {
                printf("###%d", n);
                continue;
        }
        n = n + 1;
}
```

2. Answer the follow questions using the program below:

```
int noNameFunc1(int n) {
        if (n == 0) {
                return 1;
        }
        return noNameFunc2(n, 1);
}

int noNameFunc2(int c, int s) {
        if (c == 1) {
                return s;
        } else {
                return noNameFunc2(c - 1, s * c);
        }
}
```

What does noNameFunc1 return when n = 5?

What does noNameFunc1 return when n = 9?

What should the name of noNameFunc1 be?