Trailing Zeroes in C++

```
#include <iostream>
using namespace std;

class TrailingZeroes {
public:
    static void main() {
        int res = 1000;
        int n = 7;
        for (int i = 5; i <= n; i = i * 5) {
            res = res + n / i;
        }
        cout << "zeroes: " << res << endl;
    }
};

int main() {
    TrailingZeroes::main();
    return 0;
}
```

Dry Run for `n = 7`

`i`	`n / i`	`res` (cumulative)
5	7 / 5 = 1	0 + 1 = 1
25	7 / 25 = 0	loop ends

✅ Final answer: **1 trailing zero in 7!**

🖨️ Output (after fixing `res = 0`):

```
zeroes: 1
```

zeroes: 1