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| **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 | |