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| **Factorial in C++** | |
| #include <iostream>  using namespace std;  int fact(int n) {      if (n == 0) {          return 1;      } else {          int prev = fact(n - 1);          return n \* prev;      }  }  int main() {      cout << fact(6) << endl;      return 0;  } | Dry Run Table for fact(6):  | **Call Level** | **n** | **Recursive Call** | **Returned Value** | **Computation** | | --- | --- | --- | --- | --- | | 1 | 6 | 6 \* fact(5) | 720 | 6 \* 120 | | 2 | 5 | 5 \* fact(4) | 120 | 5 \* 24 | | 3 | 4 | 4 \* fact(3) | 24 | 4 \* 6 | | 4 | 3 | 3 \* fact(2) | 6 | 3 \* 2 | | 5 | 2 | 2 \* fact(1) | 2 | 2 \* 1 | | 6 | 1 | 1 \* fact(0) | 1 | 1 \* 1 | | 7 (Base) | 0 | return 1 | 1 | Base case hit |  📤 Final Output: 720 |
| Output:- 720 | |