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| **Ex13-05.cpp:** *Recursion* |
| **Line#** | **Code** |
| 1234567891011121314151617181920212223 | #include <iostream>using namespace std;unsigned long Fact1(unsigned long n) { unsigned long result = 1; for (unsigned long i = 2; i <= n; i++) { result \*= i; } return result;}unsigned long Fact2(unsigned long n) { return (n > 1) ? (Fact2(n - 1) \* n) : 1;}int main(){ printf(" n Fact1(n) Fact2(n)\n"); for (unsigned long n = 0; n < 13; n++) { printf("%3lu %20lu %20lu\n", n, Fact1(n), Fact2(n)); } return 0;} |