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| **Ex13-05.cpp:** *Recursion* | |
| **Line#** | **Code** |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23 | #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;  } |