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| **EX06-01.cpp: *Automatic Variables*** | |
| **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  24  25  26  27 | #include <iostream>  using namespace std;  float k; //This will be located under Data Segment  static double j; //This will be located under Data Segment  void FX() {  int m=0; //This will be located under Stack  static int n=0; //This will be located under Data Segment  cout << "address of m is " << hex << &m << endl;  cout << "address of n is " << hex << &n << endl;  m++;  n++;  cout << "m:" << m << " n:" << n << endl;  if (n < 5) FX();  }  int main() {  cout << "address of k is " << hex << &k << endl;  cout << "address of j is " << hex << &j << endl;  FX();  //FX();  //FX();  return 0;  } |