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| **EX06-04.cpp:** *Variable/Object Life Cycle* | |
| **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  28  29  30  31  32  33  34  35  36  37  38  39  40  41  42  43  44  45  46 | #include <iostream>  using namespace std;  /\* --------- Scoping -----------  Project Scope: a  Module Scope: b  Function Scope: x,c,d, f, p, e  Block Scope: i  --------------------------------\*/  int a;  static int b;  void fX() {  int x;  for (int i = 0; i < 10; i++) {  }  }  void FunctionX(int x) {  int c;  static int d;  cout << "&c=" << &c << endl;  cout << "&d=" << &d << endl;  cout << "&x=" << &x << endl;  }  void FunctionY() {  int f;  FunctionX(5);  }  int main() {  //int\* p = new int[6];  int\* p = (int\*)malloc(6 \* sizeof(int));  int e;  cout << "&a=" << &a << endl;  cout << "&b=" << &b << endl;  cout << "&e=" << &e << endl;  cout << "&p=" << &p << endl;  cout << " p=" << p << endl;  FunctionX(7);  FunctionY();  //delete[] p;  free(p);  return 0;  } |