|  |  |
| --- | --- |
| **utils.h** | |
| **Line#** | **Code** |
| 1  2  3  4  5  6  7  8  9 | #pragma once  #define NOI(\_arr) (sizeof(\_arr)/sizeof(\_arr[0]))  #ifdef \_\_DEBUG\_\_  #define Pre(\_cond,\_msg) if(!\_cond) cout<<\_\_LINE\_\_<<":"<<\_msg<<endl;  #else  #define Pre(\_cond,\_msg)  #endif |

|  |  |
| --- | --- |
| **master.h** | |
| **Line#** | **Code** |
| 1  2  3 | #pragma once  typedef unsigned long ULONG; |

|  |  |
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| **EX08-02.cpp:** *Conditional Compilation* | |
| **Line#** | **Code** |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20 | #include <iostream>  using namespace std;  #include "master.h"  #include "utils.h"  ULONG GCD(ULONG x, ULONG y) {  Pre(x > 0, "x must be > zero!")  Pre(y > 0, "y must be > zero!")  while (y != 0) {  ULONG oldX = x;  x = y;  y = oldX % y;  }  return x;  }  int main() {  ULONG result = GCD(0, 96);  cout << result << endl;  return 0;  } |