# Module 12 Quiz

1. What will the following C++ code output?  
    unsigned long long n = 3; // assume 64 bits

char \*p = (char\*)(&n);

p++;

\*p = 1;

cout << "n: " << n << endl;

* 1. 3
  2. 259
  3. 256
  4. 42

1. What will the following code print out?  
    x = 4 // x= ….00000010

//0x0001== …...00000001

cout << ( x & 0x0001) << endl;

* 1. 0
  2. 4
  3. 1
  4. 42

1. What will the following C++ code output?  
    unsigned int goo = 1;

goo = goo << 2;

cout << "goo: " << goo << endl;

* 1. 2
  2. 1
  3. 4
  4. 42