CSC369 Exercise 1

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Tutorial 1: C Programming Review

Question 1: Write down the output of the following C program.

Question 2: Complete one-line C codes for the bit operations described below.

```
int x = 3076;

/* set all bits to 0 */
x = _______

/* keep least significant bit (1st bit), all others set to 0 */
x = ______

/* toggle l.s.b (1st bit), all other bits unchanged */
x = ______

/* set l.s.b. (1st bit) to 1, all others toggle */
x = ______

/* set 2nd and 12th bits to 1, 5th and 9th bits to 0, others unchanged */
x = ______
```