1. Consider the following code. What would be the result when attempting to compile-and-run the program? Completely fill the circle next to your choice.

```
int main() {
    int x = 10;
    int y = 42;
    while (x > 0) {
        cout << x << ' ';
        --x;   // similar to x -= 1;
        int y = x;                      // Line 1
    }
    cout << "y = " << y << endl;     // Line 2
}
```

○ Displays: 0                          ○ Compilation error at line 1
○ Displays: 1                          ○ Compilation error at line 2
○ Displays: 10                       ○ Compiles but crashes
○ Undefined display value      ○ None of the above