

# Quiz 1

26 September 2012

1. In a C program, the statement `#include <stdio.h>`
  - a. is a comment
  - b. imports a library
  - c. is an error
  - d. exits the program
2. Briefly, what is the difference between the C types `int` and `float`?
3. Mark each line with “yes” if it contains a valid C identifier, or “no” otherwise.
  - a. \_\_\_\_\_ `start_here`
  - b. \_\_\_\_\_ `trial error`
  - c. \_\_\_\_\_ `test123`
  - d. \_\_\_\_\_ `321blast_off`
  - e. \_\_\_\_\_ `either-or`
  - f. \_\_\_\_\_ `shepherd's_pie`
  - g. \_\_\_\_\_ `KingArthur`
4. What is the output of the following program fragment?

```
#include <iostream>
using namespace std;
int main() {
    int toll, fish;
    float bridge;
    toll = 12;
    fish = toll - 7;
    cout << "fish " << fish << "\n";
    bridge = fish * 1.5;
    cout << "bridge " << bridge << "\n";
    fish = fish + toll;
    cout << "fish " << fish << "\n";
    return 0;
}
```