

CS120 Lab Quiz for Week 11

Fall 2014

Name: _____ Section _____

1. (2 pt) Answer the following questions based on the following array declaration:

```
int collection[25];
```

1. How many elements (pieces of data) can the array `collection` store?
2. Write a line of code to print the last element of the array.

2. (3 pt) Write the prototype/declaration and the code/definition for a function that takes a double as input and returns half of the double as the function's output. The rest of the program, including `main()`, is given.

```
#include<iostream>
using namespace std;
```

Put the prototype/declaration of the function here:

```
int main(){
    double x = 4.5;
    double y;
    y = half(x);
    cout << y << endl;
}
```