

## CS 12 - Quiz 2

April 14, 1997

1. (8 pts) Using the following variables:

```
char name1[10] = "Timothy";  
char name2[10] = "Joan";
```

write code to output the following using C++ constructs. Do not print out any spaces explicitly.

```
1 Timothy  
2 Joan
```

2. (8 pts) Using the following variables:

```
float price1 = 98.30;  
float price2 = 8.77;
```

write code to output the following using printf.

```
$98.30  
$ 8.77
```

3. (8 pts) Show what each of the four variables contains after the following code has been executed.

```
char ch1;
char ch2;
char str1[20];
char str2[20];
infile.get(ch1);
infile.get(ch2);
infile.getline(str1, 7, ' ');
infile >> str2;
```

Assume the input file contains the following:

I am happy to be here.

4. (8 pts) Show the contents of the array after the following code.

```
int intArray[5] = {1,2,3,4,5};
int *ptr;
ptr = intArray;
*ptr = 99;
ptr++;
*ptr = 88;
ptr++;
*ptr = *(ptr+2);
```

5. (18 pts) Write a program that counts how many names are listed in the input file *names.dat*. Print the number to the screen.