

CIS 101 — Quiz 10

Name:

Consider the string class which we covered last week.

Problem 1: Write code that creates two strings with the first initialized to your first name and the second initialized to your last name. Now concatenate the last name string to your first name one.

```
string last("Lastname");
string first("Firsttname");
first.concatenate(last);
```

Problem 2: Is the copy constructor correct? If not, then write the correct code for it.

No, it is not correct.

```
string(string& from){
    size = from.size;
    p = new char[size];
    for(int i=0;i<size;i++){p[i] = from.p[i];}
}
```

Problem 3: Write a new public class function for string called strlen which returns the number of characters in the array before the null ('\0') character.

```
int strlen(){
    int i = 0;
    while(p[i] != '\0'){
        i = i + 1;
    }
    return i;
}
```