

ForNextDay(10)
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String.c

```
#include "String.h"
#include<stdlib.h>

// a cover function for malloc()
// malloc and return memory for a string of stringsize characters
// return (char*)NULL on failure
char* mallocString(int stringsize)
{
    return (char*) malloc(sizeof(char)*stringsize);
}

// just a cover function for free()
void freeString(char* s)
{
    free(s);
}

// create a duplicate string of s
// return it
// return (char*)NULL on failure
// should call mallocString(), and then strcpy()
char* duplicateString(char* s)
{
    char* duplicate = mallocString(sizeof(s));
    duplicate = strcpy(duplicate, s);

    return duplicate;
}
```

Output

```
~/Documents/courses/cs2263/lecture/lecture10/L10src $ ./test
./test
```