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

