```c
#include <stdlib.h>
#include <string.h>
#include <assert.h>
char* stringDuplicator(char* str, int times)
{
        assert(str);
        assert(times > 0);
        int len = strlen(str);
        char* out = malloc(sizeof(char)*(len*times+1));
        assert(out);
        char *ptr = out;
        for (int i=0; i<times; i++)
        {
                strcpy(out,str);
                out = out + len;
        }
        return ptr;
}
```