

getNewLine: void  $\rightarrow$  char \*

char \* output = malloc(sizeof(char));

char c;

while (c = fgetc(stdin) != '\n') {

char \* tmp = realloc(output, sizeof(char) + strlen(output) + 1;

assert(tmp != NULL);

output = tmp

output[strlen(output)] = c;

output[strlen(output) + 1] = '\0';

return output; }

require:

stdio.h

stdlib.h

string

assert