```
#include <stdio.h>
                                          #include <string.h>
                                          int main(void) {
                              10 11
                                            char d[12] = "Hello";
             `\0`
        `\0`
             `\0`
                                            d[11] = 'x';
                                            char *t = "world!";
                                            //copies till the null character at end of "world!"
                                            strcat(d, t);
                                            printf("Concatenated string: %s\n", d);
                                            return 0;
`\0` was overwritten by 'w'
```