Para el automata A

```c
int automaton(void)
{
    int states[][3] = {
        {0, 1, 3}, // 0
        {0, 2, 3}, // 1
        {2, 2, 3}, // 2
        {3, 3, 3}, // 3
    };
    int finals[] = {2};
    int finals_length = 1;
```

```
thead@adrigondo MINGW64 ~/Documents/UACH/Seventh Semester/Theory Of Computation/code
$ gcc TOC.September_10_2024.c -o TOC.September_10_2024 && ./TOC.September_10_2024
bb
Cadena valida bb
abb
Cadena valida abb
bbb
Cadena valida bbb
a
Cadena invalida
aaab
Cadena invalida
aaaaabbaaaaaaa
Cadena valida aaaaabbaaaaaaa
babababababa
Cadena invalida
babababba
Cadena valida babababba
```

Para el automata B

```c
int automaton(void)
{
    int states[][3] = {
        {2, 1, 4}, // 0
        {1, 1, 4}, // 1
        {2, 3, 4}, // 2
        {2, 3, 4}, // 3
        {4, 4, 4}, // 4
    };
    int finals[] = {1,3};
    int finals_length = 2;
```

```
MINGW64:/c/Users/thead/Do    ×    +    ⌄                                    —    □    ×

thead@adrigondo MINGW64 ~/Documents/UACH/Seventh Semester/Theory Of Computation/code
$ gcc TOC.September_10_2024.c -o TOC.September_10_2024 && ./TOC.September_10_2024
b
Cadena valida b
ab
Cadena valida ab
ba
Cadena valida ba
aaaaa
Cadena invalida
aaaba
Cadena invalida
ababab
Cadena valida ababab
bab
Cadena valida bab
baaaaaa
Cadena valida baaaaaa
```