



UNIVERSIDAD  
ICESI

---

OCTUBRE DE 2021

# USER GUIDE

Finite State Machine  
Minimizer

**PRESENTED BY**

Santiago Hurtado Solis  
Carolina Pasuy Pinilla

# INSTALATION

- First you need to have the project in your computer:  
<https://github.com/YoNoSoySantiago/FiniteStateMachine.git>
  - Clone the repository (Option 1)
  - Download a zip copy (Option 2)

# RUN

- Run the application
  - Open the folder and run the file `FiniteStateMachine.jar` (Option 1)
  - Open the project in a IDE like Eclipse and run the project or the main class as a Java Application (Option 2)
- When the app is running you can choose between a Mealy Machine or a Moore Machine.
- After choose you have to fill in the table of the automata choosed, all data that this requiered.
- The input alphabet and the output alphabet is always  $\{0,1\}$
- Then, you can use the botton to generate a solution
- After that you can see the soluccion of you state table and comeback to make another or leave.