

# GFRJ'S Flight simulation student-developed software



# About us



# Flight simulation

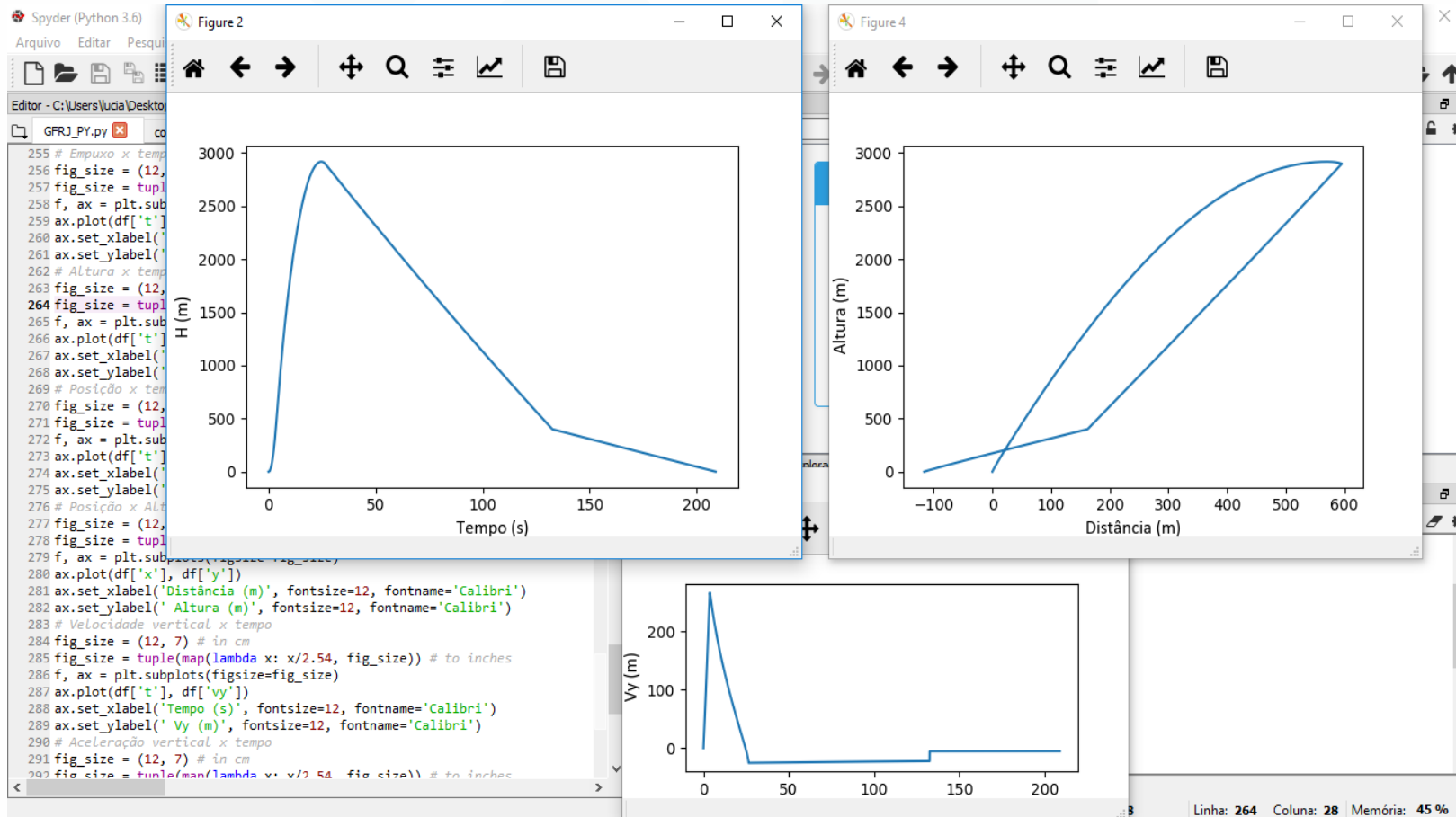
- Introduction
- Code
- Goals
- Next steps



# Introduction



# Code



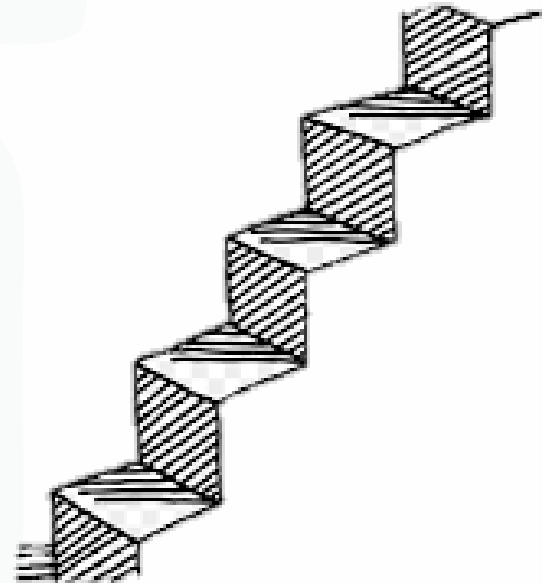
# Goals

- Analyzing all the trajectory of the rocket
- Falling time
- Apogee
- Maximum Mach number



## Next steps

- Organizing, modularize and structure the code;
- Creating a graphical interface for the program and animations of the trajectory traveled by the rocket;
- Adding more parameters;
- Implementing body dynamics;
- Implementing 6 Dof ( $F_x, F_y, F_z, M_x, M_y, M_z$ );







**THANK YOU**