

Assignment 2 – TDT4136

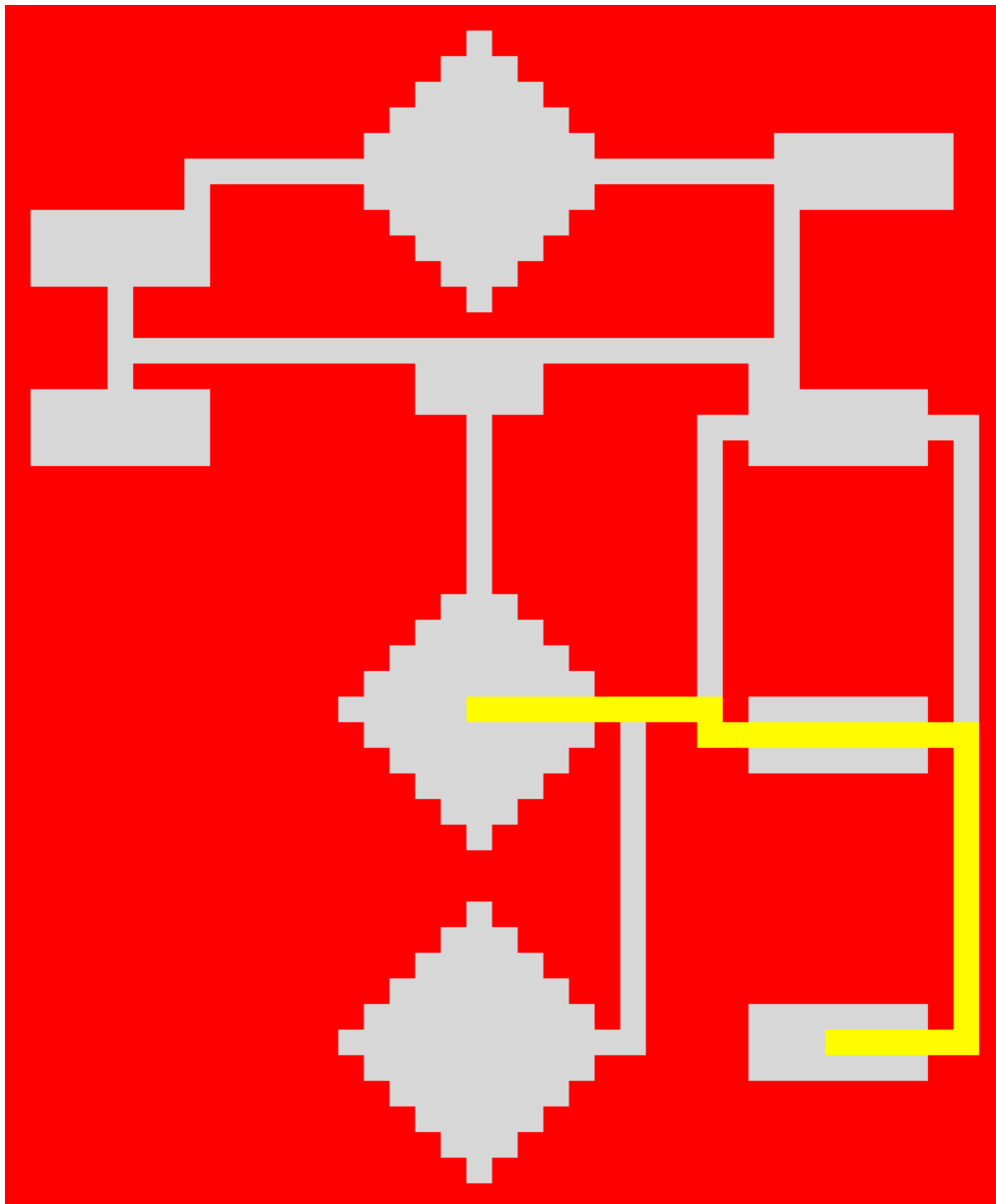
For this assignment we found an implementation of the A*-algorithm on Github, and modified it to fit the requirements.

Source: https://github.com/BaijayantaRoy/Medium-Article/blob/master/A_Star.ipynb

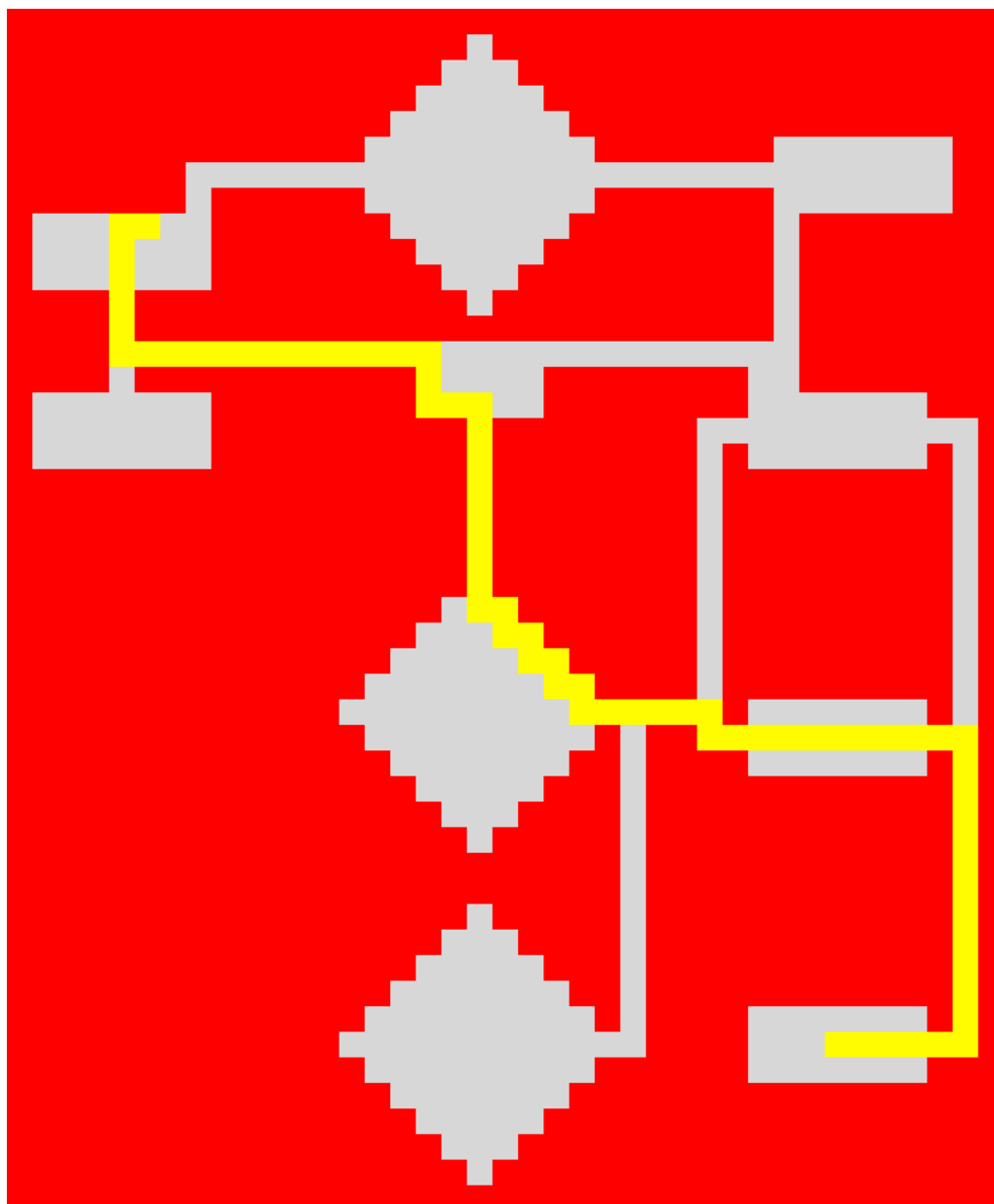
We discovered a flaw in the source code that caused an error in the output of the algorithm (line 172-173 in “A_star.py”). The euclidean distance expression lacked a square-root, and after we added this, the algorithm produced the correct optimized path.

The code is well documented with instructions and comments throughout.

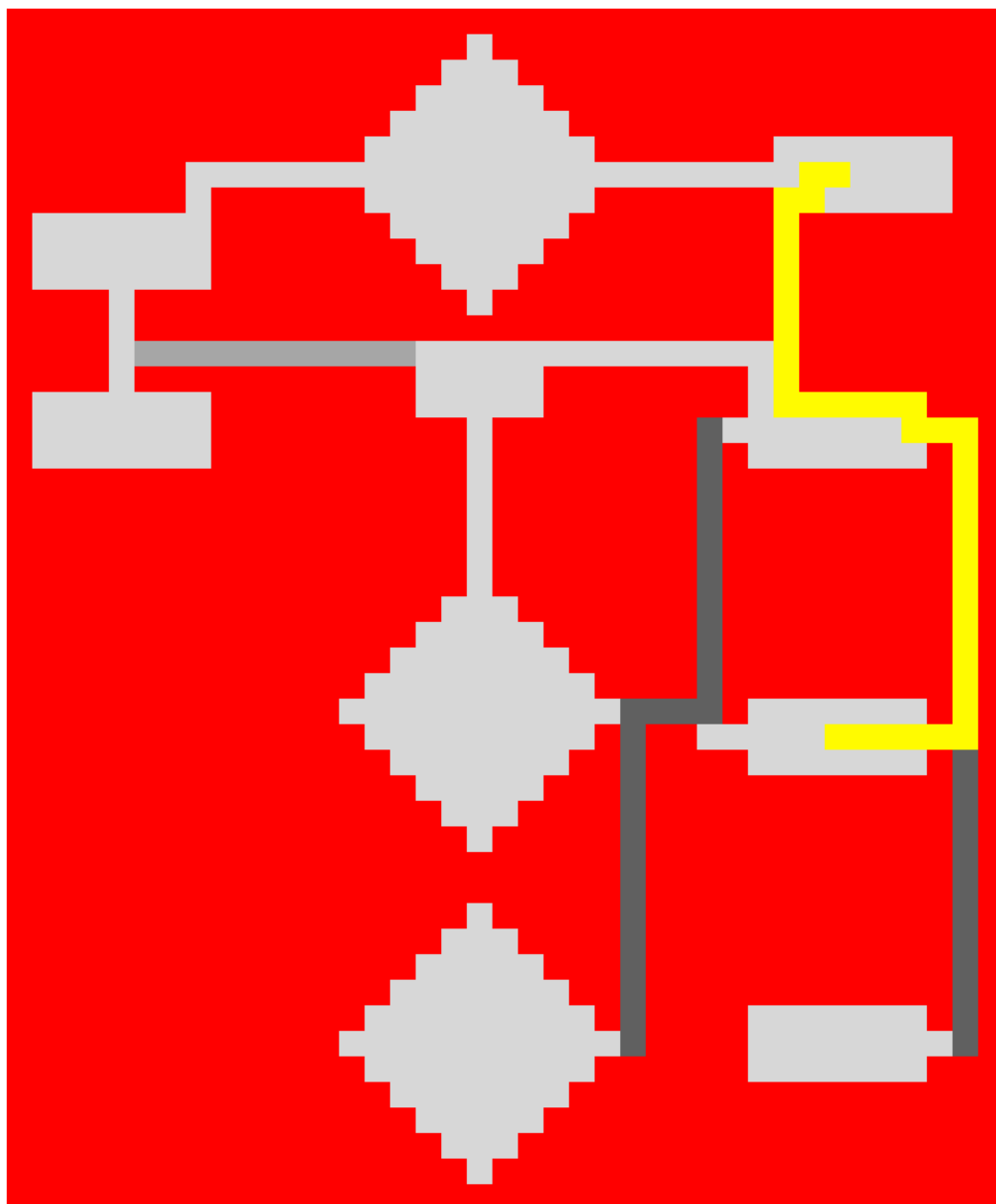
Task 1



Task 2



Task 3



Task 4

