

Extra Tips for the Assignment

- If you are not getting good results, try not using `scipy.sparse.linalg.lsqr` to solve the equation. Instead, use `linalg.spsolve`. Both solvers are allowed, but in some cases `spsolve` produces better outcomes.

- To speed up your code, avoid initializing `A` with `np.zeros`. Instead, use a sparse matrix:

```
A = scipy.sparse.lil_matrix((h * w, h * w))
```

- Also make sure to normalize the input image.
- If you are running the code on Windows, replace `align_target.py` with `align_target-windows.py`, since key codes can be different on Windows.