

## 1 Instructions

This homework will help you get familiar with the simulator `airobot`. First, you need to download `airobot` and install it. To do that, you should follow the instructions given [here](#). You can read the documentation of `airobot` [here](#).

The homework comes with a script `hw0.py` which demonstrates how to create a robot arm, a table and move the tip of the robot arm in a circle.

You don't have to submit anything for this homework. You should use this as an opportunity to get familiar with the simulator. Feel free to modify the script and experiment with the simulator.

If you are having difficulty in installing `airobot`, you can use the `Dockerfile` to build a docker image with command `docker build -t hw0 /path/to/hw0`. To run your container, use the command `docker run -it hw0:latest`. Then, you can run `python3 hw0.py` from inside the container and play around with the code. The script automatically saves video of robot's motion. You can transfer the video to your machine using `docker cp CONTAINER-ID:/hw0.py /path/to/target`. You can also directly run `docker run hw0:latest python3 hw0.py`.