

# Hints for Lab 8

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We suggest you create a data structure to organize the edges into a more useful format. (HINT: Helper functions tend to lead to cleaner code.) See the graph code from lecture and tutorial for an example to help you get started. You may want to include other information in your data structure in addition to just the node for possible edges.

We suggest two options for incorporating additional information into your data structure for the graph representation. One option is to put the directions ( `direction0` , `direction1` , etc.) in the data structure. Another option is to map all edges possible from an edge to that edge and include the change in directions ( `change_in_direction1` , etc.) in your dictionary.

\*Note that lists and dictionaries cannot be key values for dictionaries. One way around this is to use the `tuple()` wrapper.