

Data Structures and Algorithms Assignment 1

Daniel Knopp

The daily life activity I chose to explain via a flowchart is mowing the lawn. Typically, I must complete this task once a week and I use a push mower (although I tried to write the flowchart in a generalized way not specific to the style of mower being used). I did, however, use language specific to an electric mower – but this language could easily be converted to gas powered mowers by checking fuel levels instead of battery levels and filling the fuel tank instead of charging batteries.

I made sure to explain each aspect of the procedure in explicit detail, but some of the axillary tasks (such as what to specifically do with the infinitely many possible objects one might find in the yard before mowing) I generalized to keep the flow chart from getting unnecessarily massive. All parts directly related to the act of mowing the lawn though were outlined in great detail.

