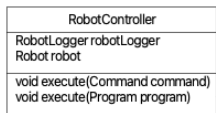
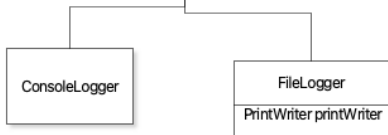
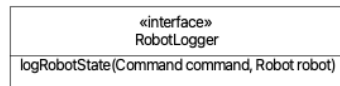
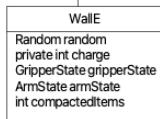
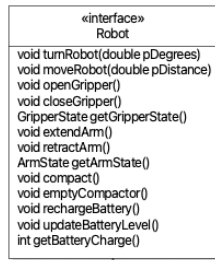
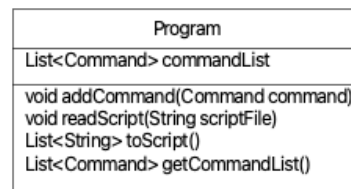
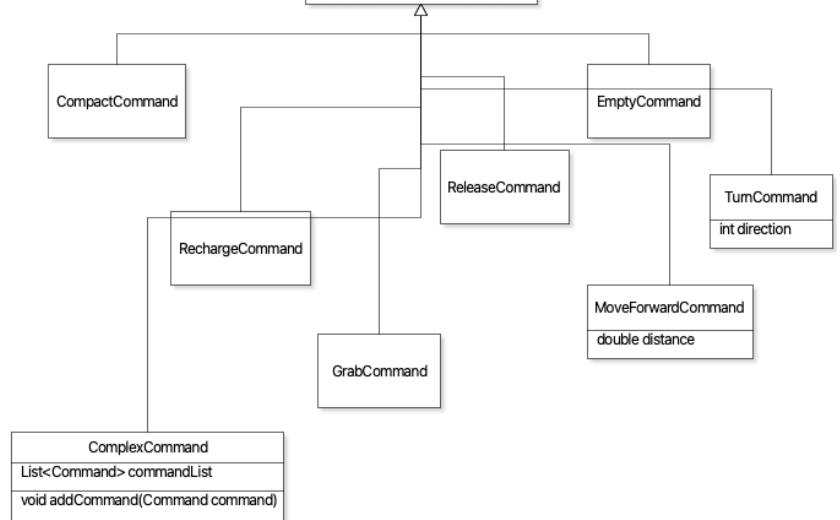
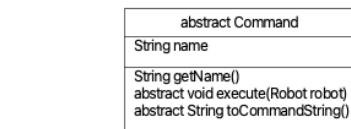


COMP303 Assignment 6

For the actions, I am using the Command pattern for each of the actions that the robot performs. The command abstract class takes an input String of the command, also has methods execute and toCommandString, for the "actions" to implement. ComplexCommand stores the actions to be executed in an ArrayList. In order to log the actions performed by the robot, I have implemented a RobotLogger interface, ConsoleLogger and FileLogger prints the action to the console and file respectively. The Program class stores the commands in a list. I have also implemented a RobotController with an execute() method that overloads, one has a Command as input, while the other takes in a Program. The Factory pattern was used, to keep track of the (complex) commands.



Uses Command and Program objects



uses Command object

