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My code was created on netbeans IDE in Java. Looking at my state chart diagram for infix, I realized that my {display ans, opr key, num = “”} state is incorrect and should be fixed to be {display ans, num = “”, dec = 0}. I also noticed that one of my states was the exact same as another one, the {display ans, opr = key, num = “”}.

Also if you realize that you can only input up to 10 numbers, that is because the netbeans ide set the jtextfield to only have up to 10 columns, or up to 10 characters that can be displayed.

Note: I was not able to implement the decimal function (checkfordecimal() decbtnpressed() action).