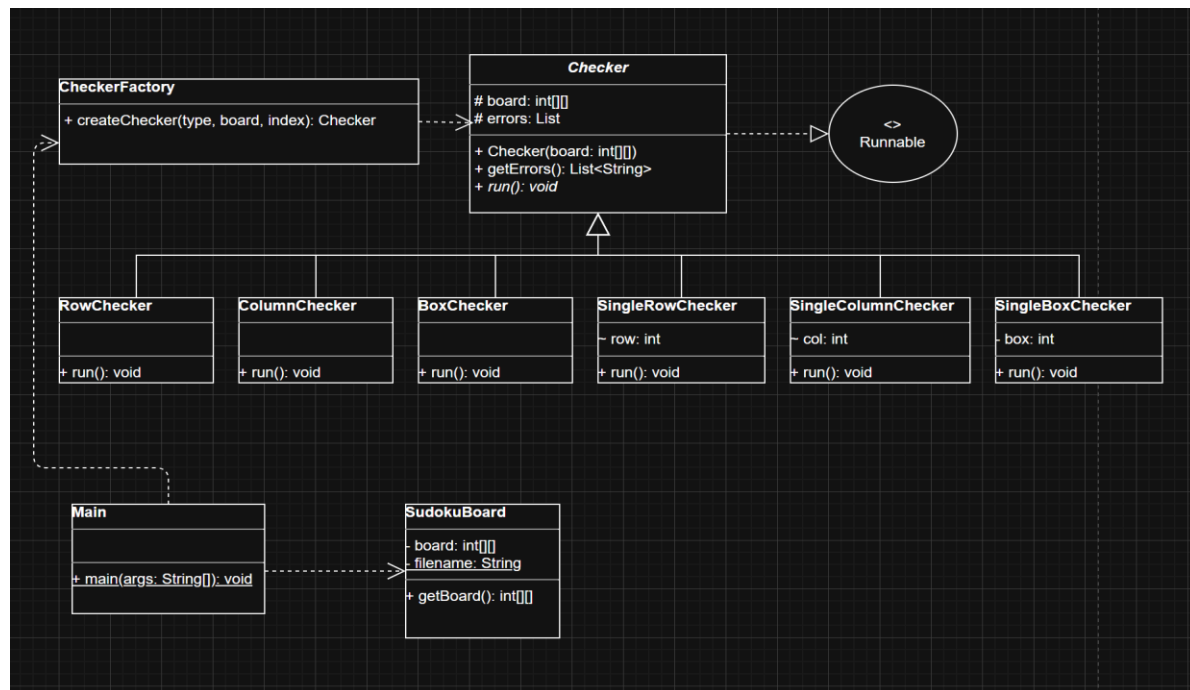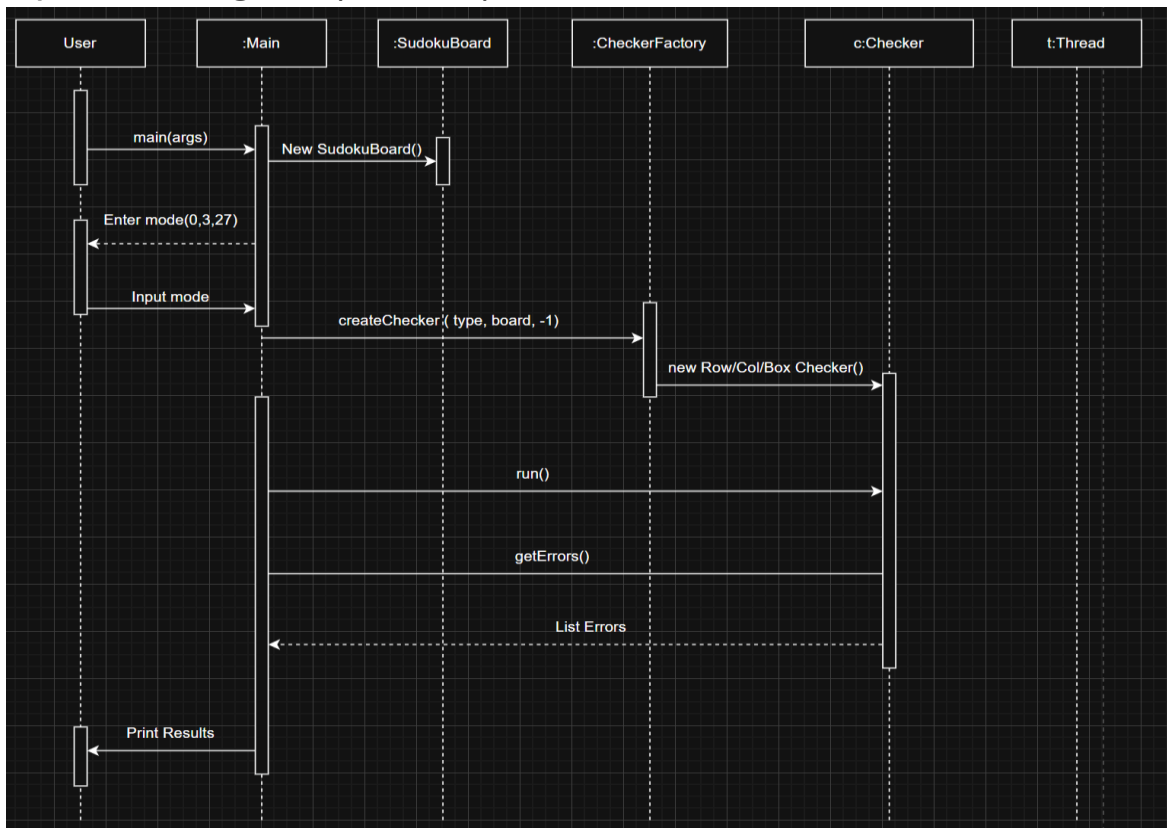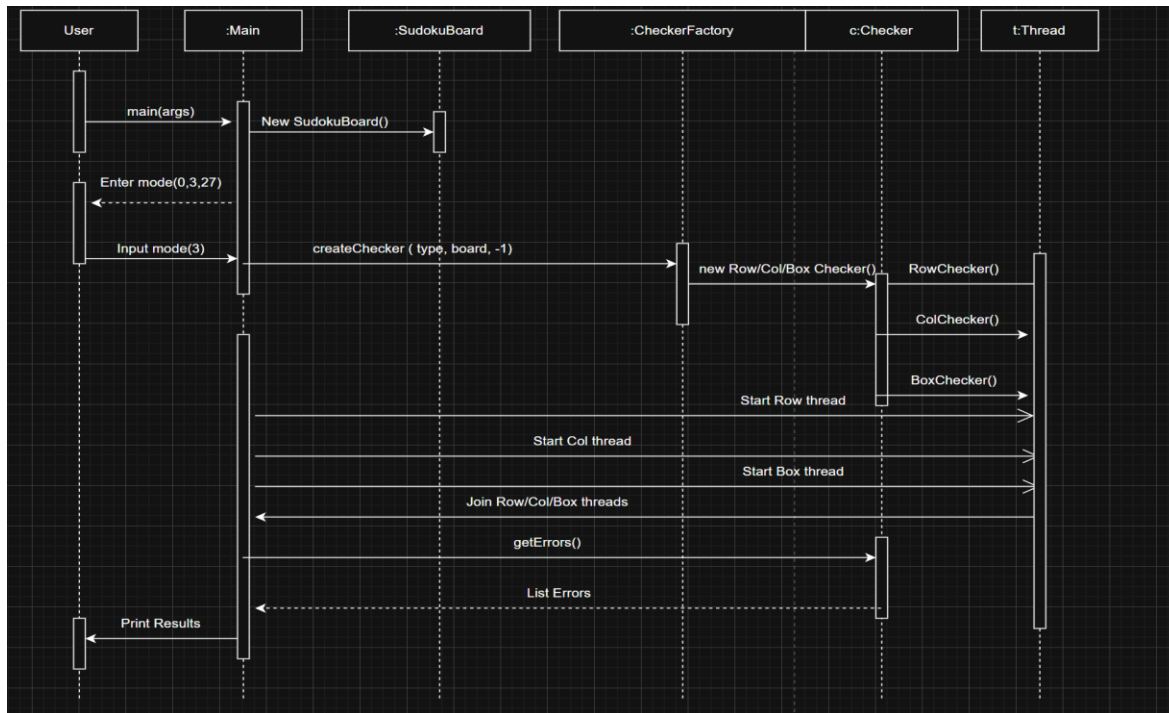## Class Diagram:

Sequence Diagram (mode 0):

Sequence diagram(mode 3):

Sequence diagram(mode 27):