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| Requirement | Classification |
| 1. Able to run two programs simultaneously | Functional |
| 1. Uses a Graphical User Interface | Functional |
| 1. Avoids Race conditions | Non-functional |
| 1. Display instructions of operation to the user | Functional |
| 1. Check for correct syntax from user input | Functional |
| 1. Load in BasicML to memory | Non-functional |
| 1. Successfully Add | Non-functional |
| 1. Successfully Subtract | Non-functional |
| 1. Successfully Divide | Non-functional |
| 1. Successfully Multiply | Non-functional |
| 1. Successfully Halt when command is given to end the program | Non-functional |
| 1. Display final readout to user | Functional |
| 1. Successfully create 1000 long memory | Non-functional |
| 1. Avoid infinite looping | Non-functional |
| 1. Graceful exception handling displayed to user | Functional |