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| Test Case | Description | Input | Expected Result/Output |
| 1 | Print out fractions, 2 on each line (without anything in the list) | P 2 | The numbers in the list are: |
| 2 | Sum the fractions in the list (without anything in the list) | S | The sum of the list is: 0/1 |
| 3 | Multiply the fractions in the list (without anything in the list) | M | The product of the list is: 1/1 |
| 4 | Add a fraction # to the list | A ¼  A 1/6  A 1/12 | ¼ was added to the list.  1/6 was added to the list.  1/12 was added to the list. |
| 5 | A not valid command given | BAD | BAD is not a valid comment! |
| 6 | Print out fractions, 2 on each line (with fractions in the list: ¼, 1/6, 1/12) | P 2 | The numbers in the list are:  ¼ 1/6  1/12 |
| 7 | Sum the fractions in the list (with fractions in the list: ¼, 1/6, 1/12) | S | The sum of the list is: 1/2 |
| 8 | Multiply the fractions in the list (with fractions in the list: ¼, 1/6, 1/12) | M | The product of the list is: 1/288 |
| 9 | Print out fractions, 3 on each line (with fractions in the list: ¼, 1/6, 1/12, -2/3, 1/91, ½) | P 3 | The numbers in the list are:  ¼ 1/6 1/12  -2/3 1/91 1/2 |
| 10 | Print out fractions, 5 on each line (with fractions in the list: ¼, 1/6, 1/12, -2/3, 1/91, ½) | P 5 | The numbers in the list are:  ¼ 1/6 1/12 -2/3 1/91  1/2 |
| 11 | Delete a fraction from the list | D 1/12 | 1/12 was removed from the list. |
| 12 | Delete a fraction from the list (# not in the list) | D 1/3 | 1/3 is not in the list. |
| 13 | Quit/End the program | Q | Normal Termination of Program 2! |