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| Test Case  # | Description | Input | Expected Result/Output |
| 1 | Outputs the sum of the list | A ½  A ¼  S | ½ was added to the list.  ¼ was added to the list.  The sum of the list is: 3/4 |
| 2 | Outputs the sum of the list (Empty List) | S | The sum of the list is: 0/1 |
| 3 | Outputs the product of the list | M | The product of the list is: 1/1 |
| 4 | Add a fraction to the list | A ½ | 1/2 was added to the list. |
| 5 | Prints the fractions in the list (Empty list) | P 3 | The numbers in the list are: |
| 6 | Prints the fractions in the list (Number greater than one) | A ½  A ¼  P 2 | ½ was added to the list.  ¼ was added to the list.  The numbers in the list are:  ½ ¼ |
| 7 | Prints the fractions in the list (Number less than one) | A 1/8  A 1/3  A 1/5  P | 1/8 was added to the list.  1/3 was added to the list.  1/5 was added to the list.  The numbers in the list are:  1/8  1/3  1/5 |
| 8 | If a nonexistent command is entered | X | X is not a valid command! |
| 9 | Removes a number from the list | A 1/10  D 1/10 | 1/10 was added to the list  1/10 was removed from the list. |
| 10 | Removes a number not in the list | D 1/10 | 1/10 is not in the list. |
| 11 | Quits and prints a normal termination message | Q | Normal Termination of Program 2! |
| 12 | If nonexistent number is entered | D 2/3 | 2/3 is not in the list. |