Lab\_6 test case

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| Test Case ID | Software Feature | Steps | Expected | Actual | Passed/Failed |
| 1 | View options  Add given numbers | * User to run the program. * Main menu to appear with 5 options: * User input option: 1 | * User is required to enter 2 numbers * The inputted numbers are added | Select an option:   1. Add 2. Subtract 3. Multiply 4. Divide   q. Quit  Enter your choice(1/2/3/4/q): 1  You selected 1  Enter first number: 14  Enter second number: 5  14 + 5 = 19 | Passed |
| 2 | Subtract given numbers | * User input option: 2 | * User is required to enter 2 numbers * The 2 inputted numbers are subtracted | Select an option:  1.Add  2.Subtract  3.Multiply  4.Divide  q. Quit  Enter your choice(1/2/3/4/q): 2  You selected 2  Enter first number: 14  Enter second number: 5  14 – 5 = 9 | Passed |
| 3 | Multiply given numbers | * User input option: 3 | * User is required to enter 2 numbers * The 2 inputted numbers are multiplied | Select an option:  1.Add  2.Subtract  3.Multiply  4.Divide  q. Quit  Enter your choice(1/2/3/4/q): 3  You selected 3  Enter first number: 14  Enter second number: 5  14 \* 5 = 70 | Passed |
| 4 | Divide the given numbers | * User input option: 4 | * User is required to enter 2 numbers * The 2 inputted numbers are divided * The result is given in 2 decimal places | Select an option:  1.Add  2.Subtract  3.Multiply  4.Divide  q. Quit  Enter your choice(1/2/3/4/q): 4  You selected 4  Enter first number: 14  Enter second number: 5  14 / 5 = 2.80 | Passed |
| 5 | Identify that the given umbers cannot be divided | * User inputs 0 in place of 2nd number | * User inputs 0 as 2nd number * Gives the output Error: cannot divide by 0 | Select an option:   1. Add 2. Subtract 3. Multiply 4. Divide   q. Quit  Enter your choice(1/2/3/4/q): 4  You selected 4  Enter first number: 14  Enter second number: 0  Error : cannot divide by 0 | Passed |
| 6 | uit the program | * User inputs q as input | * The program will display Bye! And end the program | Select an option:   1. Add 2. Subtract 3. Multiply 4. Divide   q. Quit  Enter your choice(1/2/3/4/q): q  You selected q | Passed |
| 7 | User inputs invalid option | * User inputs invalid option | * The program will display invalid input and end the program | Select an option:   1. Add 2. Subtract 3. Multiply 4. Divide   q. Quit  Enter your choice(1/2/3/4/q): sanu  You selected sanu  Invalid choice | Passed |