

## **Algorithm**

1. Start.
2. Display options for the user to select an operation: Addition, Subtraction, Multiplication, Division and exit.
3. Read the user's choice.
4. If the choice is not valid, display an error message and go back to step 2.
5. If the choice is valid, ask the user to enter two numbers.
6. Read the two numbers.
7. Perform the selected operation based on the user's choice.
8. Display the result.
9. Go back to step 2, while the user enter the option to exit.
10. If user select to exit, then end the program.
11. Stop.