**Algorithm for designing a calculator:**

1. Start of algorithm.

2. Take two numbers as input and store it in the variables a and b.

3. Take an input to let the user choose the operation that needs to be performed.

4. If the user chooses addition, then perform a+b.

5. If the user chooses subtraction, then perform a-b.

6. If the user chooses multiplication, then perform a\*b.

7. If the user chooses division, then perform a/b.

8. Print the value after carrying out the operation according to the user's choice.

9. End of algorithm.

**Flow chart of basic calculator:**

