MIPS numerical calculator

Main

InputLoop - Gets the operation from the user

If the operation value = 5

If the operation value = 0 or >5

Checks the operation value from the user

Single - Get only one input number from the user

Exit

Factorial - Calculates the factorial for the input number

If the operation value = 1 or 2 or 3 or 4

Two inputs -Gets two input numbers from the user

When the operation value = 1

When the operation value = 2

When the operation value = 3

When the operation value = 4

Addition - Adds the 2 numbers

Subtraction - Subtracts the 2 numbers

Division - Divides the 2 numbers

Multiplication - Multiplies the 2 numbers

Gets one more number from the user

Gets one more number from the user

Gets one more number from the user

Gets one more number from the user

No

No

No

No

Checks if the number is 0

Checks if the number is 0

Checks if the number is 0

Checks if the number is 0

Yes

Yes

Yes

Yes

Print the output of the operation