

KALAIVANAN D

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Arbitrary Precision Calculator (APC)

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kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 12345 + 12345
Inserting successful
Addition successfully done
Result is 24690
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -1234567 + 7890
Inserting successful
Subtraction successfully done
Result is -1226677
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 123456 + -1234
Inserting successful
Subtraction successfully done
Result is 122222
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -12345 + -45678
Inserting successful
Addition successfully done
Result is -58023
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$
```

```
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 56789 - 98765
Inserting successful
Subtraction successfully done
Result is -41976
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -123432 - 546783
Inserting successful
Addition successfully done
Result is -670215
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 56784 - -34526
Inserting successful
Addition successfully done
Result is 91310
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -45678 - -56784
Inserting successful
Subtraction successfully done
Result is 11106
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$
```

```
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 1234 x 678
Inserting successful
Result is 836652
Multiplication successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -1234 x 765
Inserting successful
Result is -944010
Multiplication successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 456 x -45
Inserting successful
Result is -20520
Multiplication successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -4567 x -8765
Inserting successful
Result is 40029755
Multiplication successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ █
```

```
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ 123 / 234
123: command not found
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 123 / 2
Inserting successful
Result is: 61
Division successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -2345 / 34
Inserting successful
Result is: -68
Division successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out 456 / -987
Inserting successful
Result is : 0
Division successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ ./a.out -245 / -89
Inserting successful
Result is: 2
Division successfully done
kalai@KALAI21:/mnt/d/Embedded system/DS/project/APC!$ █
```