





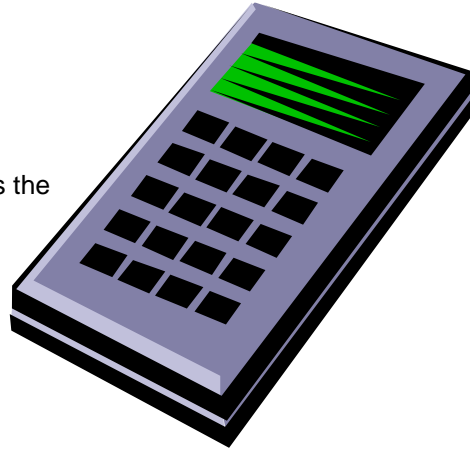


# Program 88a

## (mini calculator)

**Program Description:** Write a program that prompts the reader for two integers and then prints:

-  The sum
-  The difference
-  The product
-  The average
-  The distance (absolute value of the difference)
-  The maximum (the larger of the two)



You are not allowed to use any max or min function.  
Hint: Use the abs function and compute:  $|a - b| + a + b$ .

**Statements Required:** input, output

**Sample Output:**



```
Enter number 1-13
Enter number 2-20
Original numbers are 13 and 20
Sum =                33
Difference =          -7
Product =             260
Average =             16.5
Absolute value =       7
Maximum =             20
Minimum =             13
```