

## Algorithm by Reference

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Step 1 : Start

Step 2 : Input  $a=500$   $b=20$

Step 3 :  $Sum = add(a, b)$

Step 4 : Display Sum

Step 5 : Stop

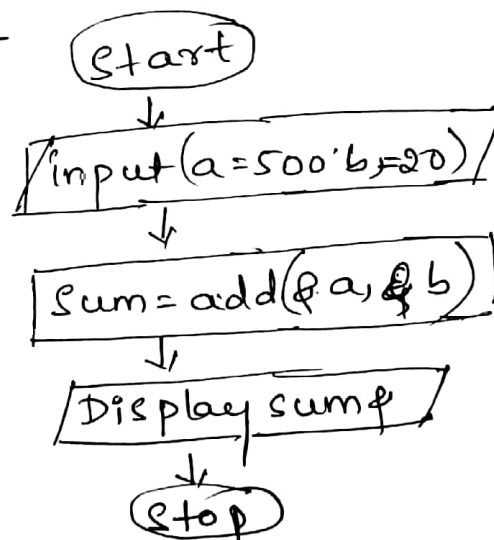
$add(int *i, int *j)$

Step 1 : entry

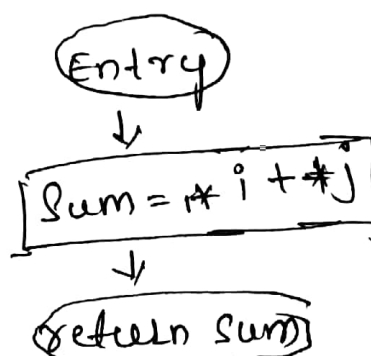
Step 2 :  $Sum = *i + *j$

Step 3 : return Sum

## Flowchart



$Add(int *i, int *j)$



## Algorithm

By Value

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Step 1: Start

Step 2: Input  $a = 50, b = 200$

Step 3:  $sum = add(a, b)$

Step 4: Display sum is

Step 5: Stop

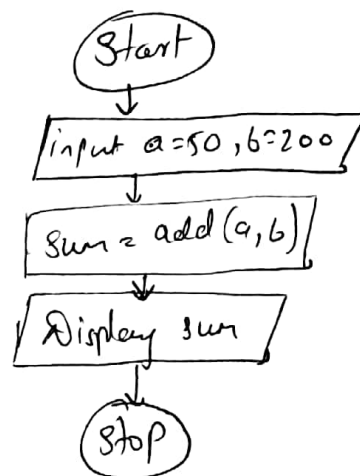
add (int i, int j)

Step 1: Enter

Step 2:  $sum = i * j$

Step 3: return sum

flowchart



add (int i, int j)

