

* Passing parameters by call by value

Algorithm

Step 1: Start

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

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

Step 4: Display sum is

Step 5: Stop.

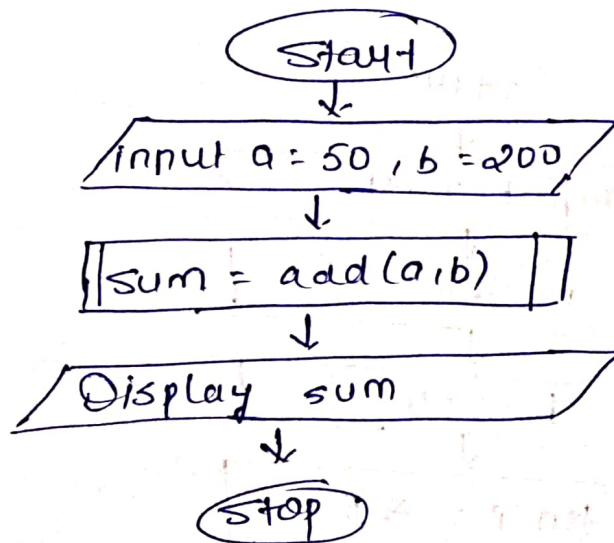
$add(int i, int j)$

Step 1: Entry

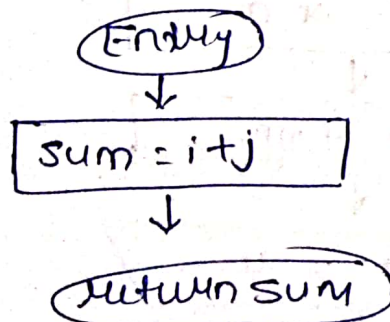
Step 2: $sum = i + j$

Step 3: return sum.

Flowchart



$add(int i, int j)$



* Passing parameter by call by reference

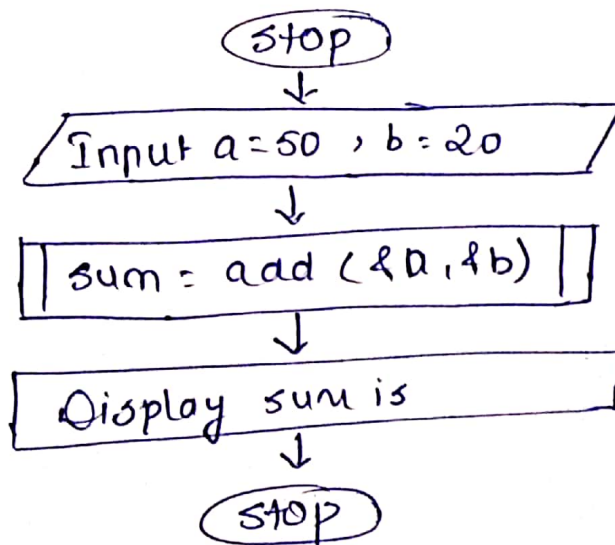
Algorithm.

- Step 1: Start
- Step 2: Input $a = 50$, $b = 20$
- Step 3: $sum = add(\&a, \&b)$
- Step 4: Display sum is
- Step 5: stop.

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

- Step 1: Entry
- Step 2: $sum = *i + *j$
- Step 3: return sum

Flowchart



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

