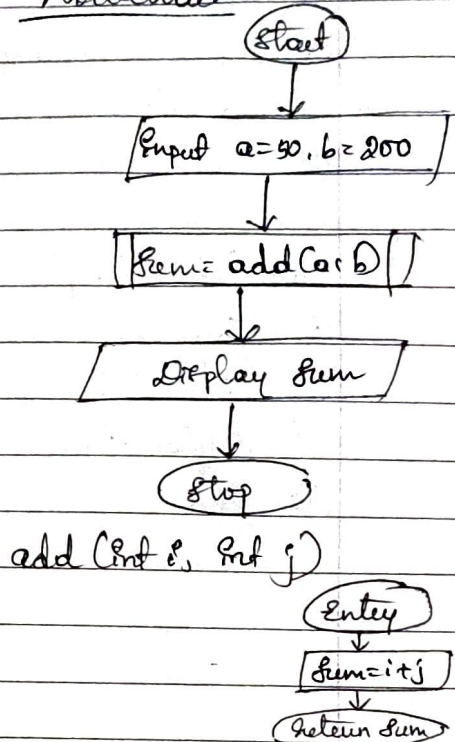Passing parameter by call by value

Kotappa Y. Gandudi
4AL19CS047

Algorithm

① start
② Input a=50, b=200
③ Sum=add (a, b)
④ Display Sum
⑤ stop

add (int i, int j)

① Entry
② Sum=i+j
③ return Sum

Flowchart

Start

Input a=50, b=200

Sum= add (a, b)

Display Sum

stop

add (int i, int j)

Entry

Sum=i+j

return Sum

Passing parameter by call by reference

Algorithm

① start
② Input a=500, b=20
③ Sum= add (&a, &b)
④ Display Sum
⑤ stop

add (int *i, int *j)

① Entry
② Sum = *i + *j
③ return Sum

Flowchart

Start

Input a=500, b=20

Sum=add (&a, &b)

display Sum

stop

add (int *i, int *j)

Entry

Sum=*i + *j

return Sum