

C programs to implement types of functions based on parameters

1) With parameter with return value

1. Start

2. Declare `int add(int i, int j)`

3. Initialize `int sum, a=10, b=20`

3.1 `sum = add(a, b)`

3.2 `print sum`

4. Define called function (`int add(int i, int j)`)

4.1 `int sum;`

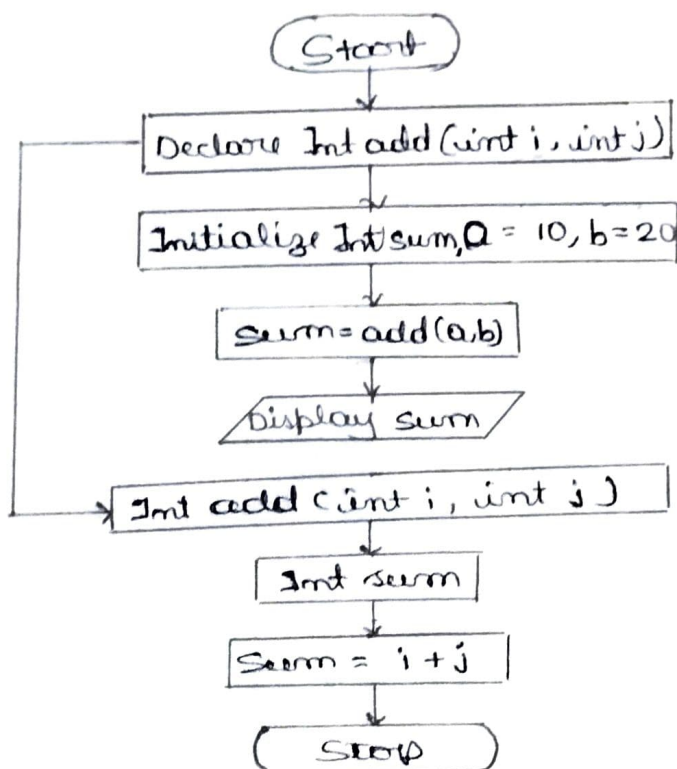
`sum = i + j;`

`return sum`

5. Stop

Flowchart
calling fun.

called fun.

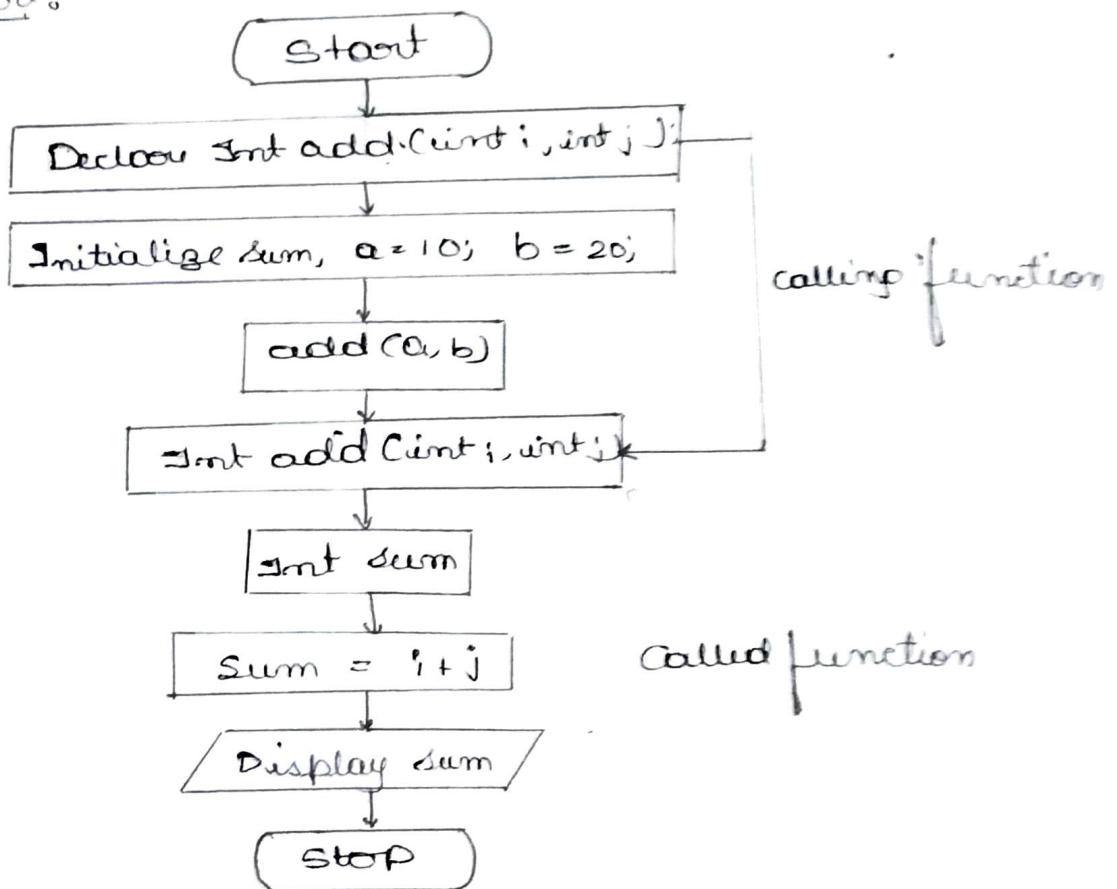


2) with parameter with ^{out} return value

Algorithm:

1. Start
2. Declare `int add (int i, int j)`
3. Initialize `sum, a=10, b=20`
`3.1 add (a, b)`
4. Declare called function `int add (int i, int j)`
4.1 `int sum`
`sum = i + j`
Display sum
- 5 Stop

Flowchart:



2) ~~func~~ without parameter with return value

Algorithm

1. Start

2. Declare `int add;`

3. Declare `int sum`

3.1 `sum = add()`

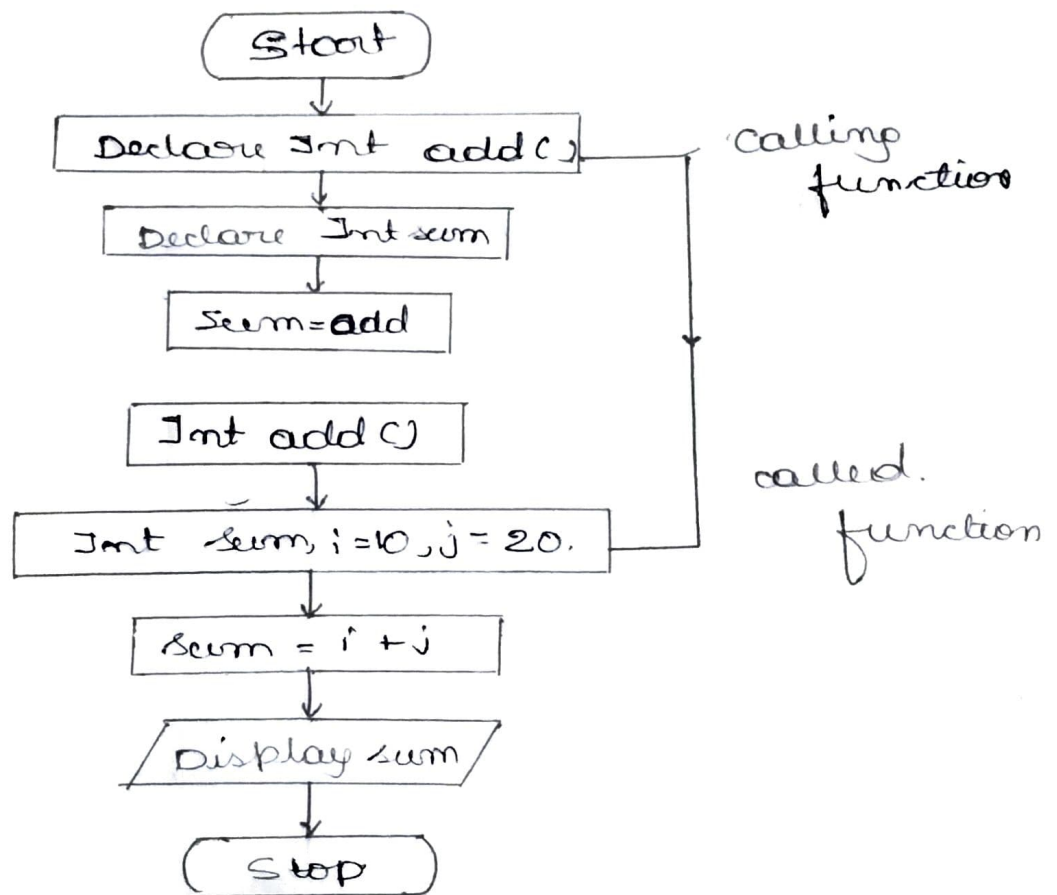
4. Declare called function `int add()`

4.1 `int sum, i = 10, j = 20`

`sum = i + j`

Display `sum`.

5. stop.



4) without parameter without return value

Algorithm

1. Start
2. Declare `Int.add()`
3. `add()`.
4. Declare called function `Int add()`
 - 4.1 `Int sum, i=10, j=20.`
`sum = i + j`
`Display sum.`
5. stop.

Flowchart

