write c program to check if 2 array are same or not

→ Flowchart

```
                    ( start )
                       ↓
                 / input m,n /
                       ↓
                / enter 1st array /
                       ↓
        < for(i=0; i<n; i++ >
                       ↓
                / input a1[i] /
                       ↓
                / enter 2nd array /
                       ↓
        < for(i=0; i<m; i++ >
                       ↓
                / input a2[i] /
                       ↓
        < for(i=0; i<n; i++ >
                       ↓
      false      ⟨  if      ⟩   True
       ←         ⟨ a1[i]=   ⟩   →
                 ⟨ a2[i]    ⟩
        ↓                        ↓
    [ f=1 ]               [ f=0
                            break ]
        ↓                    ↓
      False    ⟨  if   ⟩   True
       ←       ⟨ (f==0)⟩   →
        ↓                    ↓
  [ 2 arrays are    ]  [ Two array are not equal ]
  [ equal           ]
        ↓                    ↓
               ( stop )
```
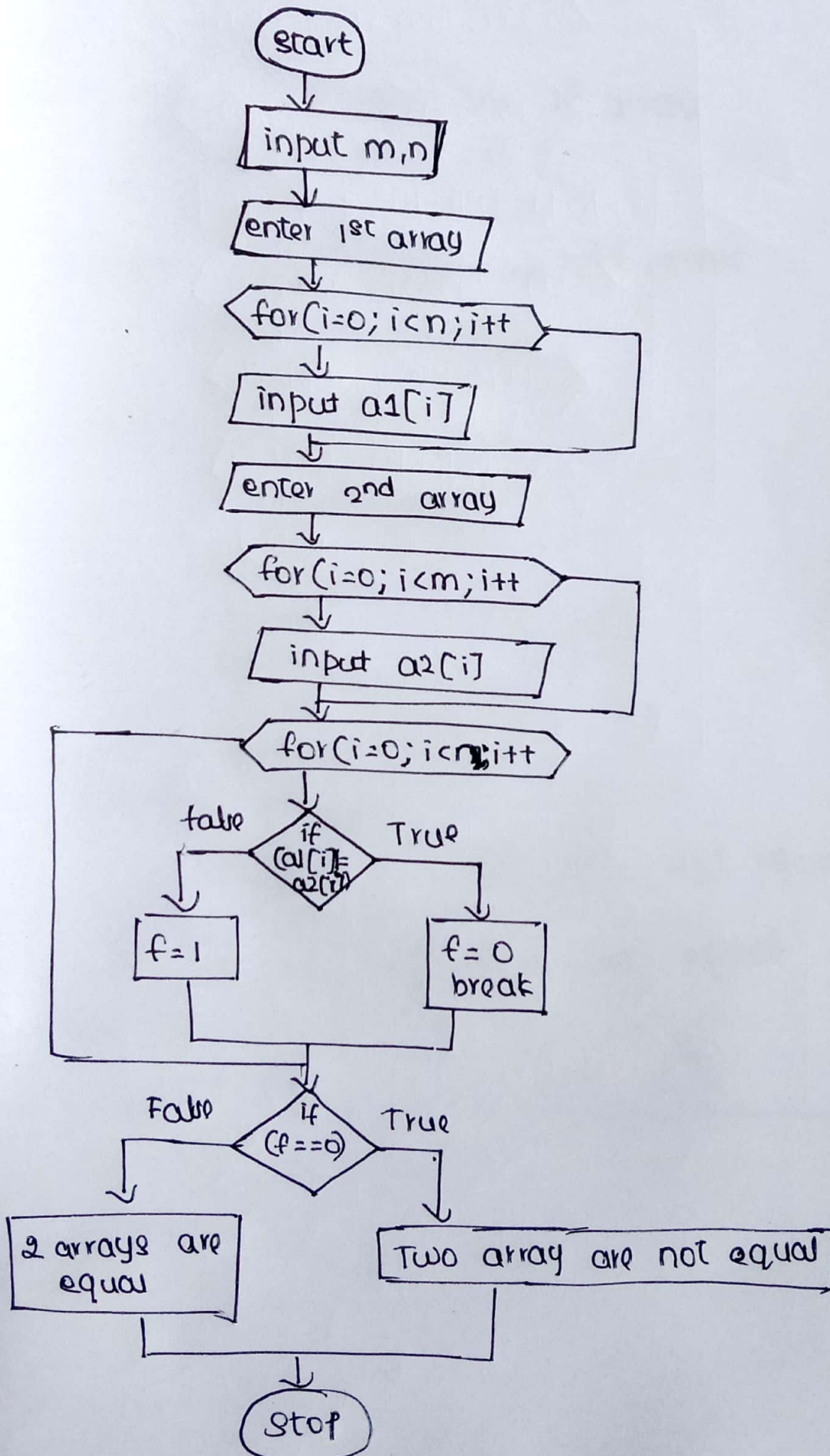
Algorithum

step1 : start

step2 : Input m,n

step3 : Display enter the 1st array

    for(i=0 ; i < n ; i++)

      input al [i]

step4: Display enter the 2nd array

    for(j=0 ; i<m ; i++)

      input a2 [i]

step5 : for (i=0 ; i<n ; i++)

    if (al [i] != a2 [i])

      f=0

      break

      else

      f=1

      end of for.

step6 : if (f==0)

    Display 2 array are not equal

  else

    Display 2 array are equal

step7 : stop.