Algorithm

1. Start

2. Input n_1 & n_2

3. Repeat through step 3
   for $(i=0 ; i<n_1 ; i++)$
   input $a[i]$

4. Repeat through step4
   for $(i=0 ; i<n_2 ; i++)$
   Input $b[i]$

5. if $(n_1 != n_2)$
   printf "not equal"

   else
   5.1 Repeat through 5.1
   for $(i=0; i<n ; i++)$
   if $(a[i] != b[i])$
   flag ++

   5.2 if $(flag == 0)$
   printf "equal"
   else
   printf "not equal"

6. Stop.

Flow chart

Start

flag = 0

Input n1 & n2

false — for i = 0; i < n1; i++ → True
Input a[i]

false — for i = 0; i < n2; i++ → True
Input b[i]

false — if n1 != n2 — True
Print "not equal"

false — for i = 0; i < n; i++ → True
if a[i] != b[i] — False
True
flag++

false — if flag == 0 — True
Print "equal"

Print "not equal"

Stop