

write a c++ program to count distinct elements in an array

Algorithm

~~Step 1~~ Step 1 → Start

Step 2 → Input size, i, j, Count

Step 3 → for ($i=0; i < \text{size}; i++$)
 {
 freq[i] = -1;

Step 4 → for ($i=0; i < \text{size}; i++$)
 {
 Count = 1;
 for ($j=1; j < \text{size}; j++$)
 {
 if (arr[i] == arr[j])
 {
 Count++;
 freq[j] = 0;
 if (freq[i] != 0)
 {
 freq[i] = Count;
 }
 }
 }
 }

Step 5 → output distinct elements in the array are

Step 6 → for ($i=0; i < \text{size}; i++$)
 {
 if (freq[i] == 1)
 {
 output
 }
 }

Flowchart:-

