Flowchart

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int main()
```

```
int arr[20];
int n = sizeof(arr)/sizeof(int);
int i,j;
```

i<n?

no → print("\n")
        i=0

yes → print("%d",a[i]); → i++

i<n?

yes → j=0

no → return 0 → End

j<i?

yes → arr[i]==arr[j]

no → j++

yes → i==j

yes → print("%d",arr[i]);

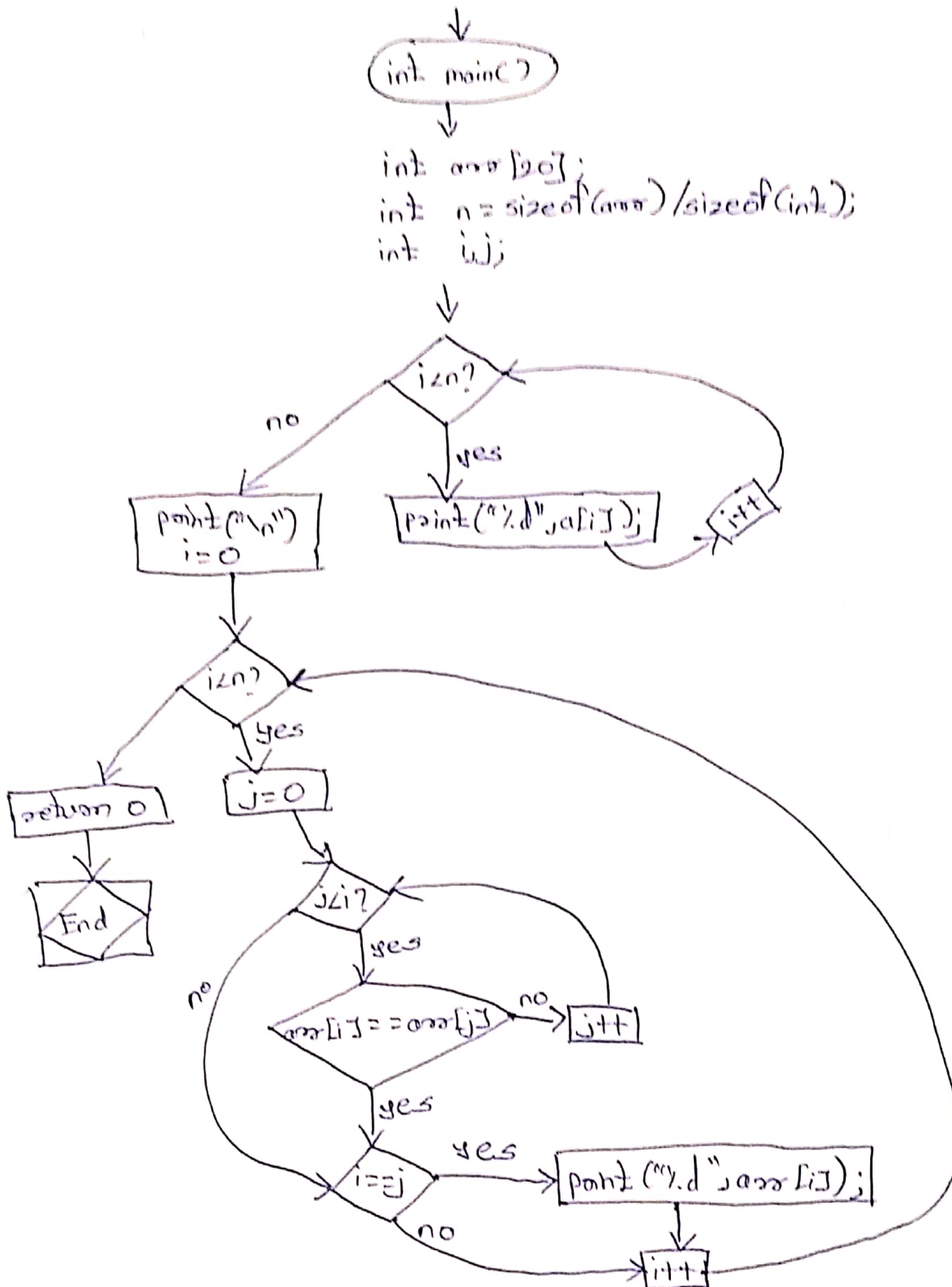no → i++

Algorithm

Declare and input the array elements. Traverse the array from beginning. Check if current element is found in array again if it is found, then do not print that element, else print that element and continue.

Step 1: start

Step 2: int arr[ ],i,j

Step 3: if (i < size_array)
```
{
    distinct_element (arr, size_array)
}
```

Step 4: if (a[i]==a[j])
```
        break;
    else
        i==j;
        continue;
```

step 5: stop