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| **TEST CODE : TCS Ninja - Coding\_3**  Total number of question : 1  Test duration (min) : 20 min  Correct attempt (mark) : NA  Wrong attempt (mark) : NA |

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**CODING**

**Program to print all the unique elements in the array.**

#include <stdio.h>

#define MAX\_SIZE 100

int main()

{

int arr[MAX\_SIZE], freq[MAX\_SIZE];

int size, i, j, count;

scanf("%d", &size);

// Get the N elements as input

// Assign the array freq[] as -1 (i.e., as default value)

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

{

scanf("%d", &arr[i]);

freq[i] = -1;

}

// Check the frequency of all the elements in an array

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

{

count = 1;

for(j=i+1; j<size; j++)

{

if(arr[i] == arr[j])

{

count++;

freq[j] = 0;

}

}

// Store the number of occurrences of each element of the given array

if(freq[i] != 0)

{

freq[i] = count;

}

}

// Print only the unique elements

// If freq[i] value is 1, then it has occured only one time

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

{

if(freq[i] == 1)

{

printf("%d ", arr[i]);

}

}

return 0;

}