Solution Code

```c
./*  C program to print all unique element in an array  */

#include <stdio.h>

int main(){

    int arr[100], size, isUnique;

    int i, j, k; //Used for loops

    printf("Enter size of array: ");

    scanf("%d", &size);

    printf("\nEnter %d elements in array :: \n",size);

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

        printf("\nEnter %d element in array :: ",i+1);

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

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

        isUnique = 1;

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

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

                for(k=j; k<size-1; k++) {

                    arr[k] = arr[k+1];     }

                size--;   j--;

                isUnique = 0;   } }

        if(isUnique != 1) {

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

                arr[j] = arr[j+1];   }

            size--;       i--;

        } }

    printf("\nAll unique elements in the array are :: ");

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

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

    }

    return 0;

}
```