Solution Code

```c
/*  C program to take input and print n elements in an array  */
#include <stdio.h>
#define MAX_SIZE 1000 //Maximum size of the array
int main(){
    int arr[MAX_SIZE]; //Declares an array of MAX_SIZE
    int i, N;
    printf("Enter size of array: ");
    scanf("%d", &N);
    printf("\nEnter %d elements in the array : \n", N);
    for(i=0; i<N; i++) {
        printf("\nEnter %d element in the array : ", i+1);
        scanf("%d", &arr[i]);
    }
    printf("\nElements in array are: ");
    for(i=0; i<N; i++)
    {
        printf(" %d, ", arr[i]);
    }

    return 0;
}
```