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//
// C program to accept n numbers and sort them in an ascending order
//

# include <stdio.h>

void swap(int array[],int n)
{
    int tempval=0;
    for(int a=0;a<n;a++)
    {
        for(int b=a+1;b<n;b++)
        {
            if(array[a]>array[b])
            {
                tempval = array[a];
                array[a]=array[b];
                array[b]=tempval;
            }
        }
    }
}

int main()
{
    int numofinputs;
    printf("Enter the number of inputs: \n");
    scanf("%d", &numofinputs);
    int numbersarray [numofinputs];
    printf("Enter the numbers: \n");
    for (int i = 0; i < numofinputs; ++i)
        scanf("%d", &numbersarray[i]);
    swap(numbersarray,numofinputs);
    printf("The ascendeding array of numbers: \n");
    for (int j = 0; j < numofinputs; ++j)
        printf("%d\n", numbersarray[j]);
}
```