

Program to sort integers in ascending order

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Page _____

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#include <stdio.h>
#include <conio.h> #define MAXSIZE 10
void main()
{
    int array [10];
    int i, j, num, temp;
    printf("Enter the value of num\n");
    scanf("%d", &num);
    printf("Enter the elements one by one\n");
    for (i=0; i<num; i++)
    {
        scanf("%d", &array[i]);
    }
    printf("Input array is\n");
    for (i=0; i<num; i++)
    {
        printf("%d\n", array[i]);
    }
    for (i=0; i<num; i++)
    {
        for (j=0; j<=(num-i-1); j++)
        {
            if (array[j] > array[j+1])
            {
                temp = array[j];
                array[j] = array[j+1];
                array[j+1] = temp;
            }
        }
    }
    printf("Sorted array is\n");
}
```



```
for (i = 0; i < num; i++)
```

```
{ printf(" %d\n", arr[i]);
```

```
}
```