

```
# include <stdio.h>
```

```
# define MAXSIZE 10
```

```
void main()
```

```
{
```

```
    int array [MAXSIZE];
```

```
    int i, j, num, temp;
```

```
    printf ("enter the value of num");
```

```
    scanf ("%d", &num);
```

```
    printf ("enter elements one by one");
```

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

```
    {
```

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

```
    }
```

```
    printf ("Input array is (n)");
```

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

```
    {
```

```
        printf ("%d", array[i]);
```

```
    }
```

```
    /* Bubble sorting Begins */
```

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

```
    {
```

```
        for (j=0; j<(num-i-1); j++)
```

```
        {
```

```
            if (array[j] > array[j+1])
```

```
            {
```

```
temp = array[i];  
array[i] = array[i+1];  
array[i+1] = temp;
```

```
}  
}  
}
```

```
printf ("Sorted array is");  
for (i=0; i<num; i++)
```

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

```
}  
}
```