**public** **class** Test {

**public** **static** **void** main(String[] args) {

//Initialize array

**int** [] arr = **new** **int** [] {5, 2, 8, 7, 1};

**int** temp = 0;

//Displaying elements of original array

System.***out***.println("Elements of original array: ");

**for** (**int** i = 0; i < arr.length; i++) {

System.***out***.print(arr[i] + " ");

}

//Sort the array in ascending order

**for** (**int** i = 0; i < arr.length; i++) {

**for** (**int** j = i+1; j < arr.length; j++) {

**if**(arr[i] < arr[j]) {

temp = arr[i];

arr[i] = arr[j];

arr[j] = temp;

}

}

}

System.***out***.println();

//Displaying elements of array after sorting

System.***out***.println("Elements of array sorted in ascending order: ");

**for** (**int** i = 0; i < arr.length; i++) {

System.***out***.print(arr[i] + "123 ");

}

}}