8.Sorting using Bubble sort

**package** com.cap;

**class** Sort

{

**void** bubbleSort(**int** arr[])

{

**int** n = arr.length;

**for** (**int** i = 0; i < n-1; i++) {

**for** (**int** j = 0; j < n-i-1; j++) {

**if** (arr[j] > arr[j+1]){

**int** temp = arr[j];

arr[j] = arr[j+1];

arr[j+1] = temp;

}

}

}

}

**void** printArr(**int** arr[])

{

**int** n = arr.length;

**for** (**int** i=0; i<n; ++i)

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

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

}

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

{

Sort b = **new** Sort();

**int** arr[] = {5,12,14,6,78,19,1,23,26,35,37,7,52,86,47};

b.bubbleSort(arr);

System.***out***.println("Sorted array");

b.printArr(arr);

}

}