BUBBLE SORT:

**package** bubblesort36;

**public** **class** bubblesort36 {

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

**int**[] arr= {20,30,24,4,16};

*BubbleSort*(arr);

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

System.***out***.println(arr[i]);

}

}

**public** **static** **void** BubbleSort(**int**[] arr){

**int** len = arr.length;

**int** temp = 0;

**for**(**int** i=0;i<len;i++){

**for** (**int** j=1;j<(len);j++){

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

temp = arr[j-1];

arr[j-1]= arr[j];

arr[j]= temp;

}

}

}

}

}