Write algorithm to sort a given list of integers in ascending order by using Bubble sort.

1. start

2. take list(array), num

3. readlist(list,num)

4. printlist(list,num)

5. bub\_sort(list,num)

6. printlist(list,num)

7. stop

readlist (list, num)

1. for j <- 0 to num

2. read list[j].

printlist(list,num)

1. for j <- 0 to num

2. write list[j].

bub\_sort(list,num)

1. for i <-0 to num

2. for j <- 0 to (num – i)

3. if( list[j] > list[j+1])

4. swapList( address of list[j], address of list[j+1])

swapList( address of list[j], address of list[j+1])

1. temp <- value at list[j]

2. value at list[j] <- value at list[j+1]

3. value at list[j+1] <- temp