Ex1:

public static void insert10(OrderedList<Integer> a)

 {

 Scanner s = new Scanner(System.in);

 System.out.println("Enter 10 numbers: ");

 for (int i = 0; i < 10; i++) {

 a.insert(s.nextInt());

 }

 }

 EX2:

 public static int sumAll(OrderedList <Integer> a)

 {

 int sum =0;

 for (int i = 0; i < a.size(); i++) {

 sum+= a.get(i);

 }

 return sum;

 }

 EX3:

 public static int sumGT20(OrderedList <Integer> a)

 {

 int sum =0;

 for (int i = 0; i < a.size(); i++) {

 if(a.get(i)>20)

 sum+= a.get(i);

 return sum;

 }

EX4:

 public static int minMethod(OrderedList <Integer> a)

 {

 return a.get(0);

 }

 EX5:

 public static int maxSum(OrderedList <Integer> a, OrderedList <Integer> b)

 {

 int sum1 =0;

 int sum2 =0;

 for (int i = 0; i < a.size(); i++) {

 sum1+= a.get(i);

 }

 for (int i = 0; i < b.size(); i++) {

 sum2+=b.get(i);

 }

 if(sum1>sum2)

 return sum1;

 else

 return sum2;

 }

EX:6

 public static boolean search(OrderedList <String> a,String item)

 {

 if(a.binarysearch(item)<0)

 return false;

 else

 return true;

 }

EX7:

 public static int maxItemlength(OrderedList <String> a)

 {

 int max = 0;

 for (int i = 0; i < a.size(); i++) {

 if(a.get(i).length()>max)

 max = a.get(i).length();

 }

 return max;

 }