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;

}