Jason Green  
ASURITE: jgreen44  
[jgreen44@asu.edu](mailto:jgreen44@asu.edu)  
Homework 1

**3.2**

The contents of the list are:  
[1, 3, 6, 10, 15, 19, 22, 24, 25, 25]

Every time the loop iterates, it adds the previous index value to the current index value and sets it in the list

**3.3**

ArrayList<Integer> list = new ArrayList<Integer>(Arrays.*asList*(1, -2, 3, -4, 5, -4, 3, 2, 1, 0));  
int negative = 0;  
  
for (int negative\_number : list){  
 if (negative\_number < 0){  
 negative ++;  
 }  
}  
System.*out*.println(negative);

**3.6**

static void insertName(ArrayList<String> pList, String pName) {  
 for (int i = 0; i < pList.size(); i++) {  
  
 if (pName.compareToIgnoreCase(pList.get(i)) == 0) {  
 break;  
 }else if (pName.compareToIgnoreCase(pList.get(i)) < 0){  
 pList.add(i, pName);  
 break;  
 }else{  
 while (pName.compareToIgnoreCase(pList.get(i)) > 0 && i < pList.size() - 1){  
 i++;  
 continue;  
 }  
 pList.add(i + 1 , pName);  
 break;  
 }  
 }  
}

**3.7**

static void arrayListRemove(ArrayList<Integer> pList, int pValue){  
 for (int i = 0; i < pList.size() ; i++) {  
 if (pList.get(i) == pValue){  
 pList.remove(i);  
 }  
 }  
}

**4.1**

If you call upon a text file that does not exist for reading, you will get:  
**Exception in thread "main" java.io.FileNotFoundException** error

**4.2**

If you call upon a text file that does not exist for writing, you cannot compile your source code. You have to handle a FileNotFoundException. Otherwise you will get:  
  
Error:(10, 27) java: unreported exception java.io.FileNotFoundException; must be caught or declared to be thrown