

1 What does the following code segment output?

```
ArrayList<Integer> list = new ArrayList<Integer>();
list.add(3);
list.add(6);
list.add(5);
list.add(8);
list.add(12);
int count=0;
for(int spot=0; spot<list.size(); spot++){
    if(list.get(spot)%2==0)
        count++;
}
System.out.println(count);
```

2 Below is the listing of the code for the `SwitchPairsMain1` class. Change the code in lines 24 - 26 so that it only takes two lines of code. *Hint: You will need to use the `remove` method inside of the `set` method.*

```
1  class SwitchPairsMain
2  {
3      public static void main(String[] args)
4      {
5          ArrayList<String> items = new ArrayList<String>();
6
7          items.add("four");
8          items.add("score");
9          items.add("and");
10         items.add("seven");
11         items.add("years");
12         items.add("ago");
13
14         System.out.println(items + "\n");
15         switchPairs(items);
16         System.out.println(items + "\n");
17     }
18
19     static void switchPairs(ArrayList<String> aList)
20     {
21         String temp = "";
22         for(int i=0; i<aList.size(); i+=2)
23         {
24             temp = aList.get(i);
25             aList.set(i, aList.get(i+1));
26             aList.set(i+1, temp);
27         }
28     }
29 }
```