top ↑

since empty
at end,
balanced

at this point,
unbalanced = false, and
the function returns

5040 total   how many don't begin with a 1 or 5?

```
create arrayList of points : antList
double closest = distance to first point in list;
int element = 0;
for (elements after first)
    if (distance to element i < closest)
        closest = distance to element i
        element = i
    end if
end for
next Ant = antList.get(element);
remove antList(element)
totalDistance += distance to next Ant
```

2) The second condition is necessary because it is another way to check this method. If the stack is not empty, then there is an unbalance; an empty stack means there is balance.