Static Electricity

Do the following experiment and take notes on what happens and why.

Materials: two balloons, two 3-foot pieces of string, tape.

Procedure: Blow up the balloons and tie the strings to the ends. Hang them beside each other in a doorway so that they are close but not touching each other. From their hanging position, rub each balloon on your hair and then let go. Record what happens.

The balloons should have pushed away from each other. Why did that happen? The balloons became similarly charged. What do you know about like charges?