Rotations and App Restarts

1. Make an app that lets the user enter a short string. Have an “Add Message” button, that, when pressed, adds the message to the bottom of the screen.

   Note 1: to programmatically add a TextView to the bottom of a vertical LinearLayout, first get a reference to the main layout (e.g., findViewById(R.id_your_linear_layout)), then do this:

   ```java
   TextView textV = new TextView(this);
   textV.setText(someString);
   mainLayout.addView(textV);
   ```

2. When you rotate the app, make sure that the TextView text is preserved.

3. When you rotate the app, use a different layout for the prompt, EditText, and Button.