```java
1  package com.example.cryptochat;
2
3  import androidx.appcompat.app.AppCompatActivity;
4  import androidx.recyclerview.widget.RecyclerView;
5
6  import android.app.AlertDialog;
7  import android.content.DialogInterface;
8  import android.os.Bundle;
9  import android.view.View;
10 import android.widget.Button;
11 import android.widget.EditText;
12
13 public class MainActivity extends AppCompatActivity {
14     private static String myName = "";
15
16     RecyclerView chatWindow;
17     private MessageController controller;
18
19     @Override
20     protected void onCreate(Bundle savedInstanceState) {
21         super.onCreate(savedInstanceState);
22         setContentView(R.layout.activity_main);
23
24         AlertDialog.Builder builder = new AlertDialog.Builder(this);
25         builder.setTitle("Enter your name");
26         final EditText input = new EditText(this);
27         builder.setView(input);
28         builder.setPositiveButton("Save", new DialogInterface.OnClickListener() {
29             @Override
30             public void onClick(DialogInterface dialog, int which) {
31                 myName = input.getText().toString();
32                 addTestMessages();
33             }
34         });
35         builder.show();
36
37         chatWindow = findViewById(R.id.chatWindow);
38
39         controller = new MessageController();
40
41         controller
42                 .setIncomingLayout(R.layout.incoming_message)
43                 .setOutgoingLayout(R.layout.outgoing_message)
44                 .setMessageTextId(R.id.messageText)
45                 .setMessageTimeId(R.id.messageTime)
46                 .setUserNameId(R.id.userName)
47                 .appendTo(chatWindow, this);
48
49         final EditText chatInput = findViewById(R.id.chatInput);
50         Button sendMessage = findViewById(R.id.sendMessage);
51
52         sendMessage.setOnClickListener(new View.OnClickListener() {
53             @Override
54             public void onClick(View v) {
55                 String text = chatInput.getText().toString();
56                 controller.addMessage(
57                         new MessageController.Message(text, myName, true)
58                 );
59                 chatInput.setText("");
60             }
61         });
62
63
64     }
65
66     private void addTestMessages() {
67         controller.addMessage(
68                 new MessageController.Message("Всем приветы в этом чате! Очень рад узнать наконец как разрабатываются приложения под Android=)))))", "Лунатик", false)
69         );
70         controller.addMessage(
71                 new MessageController.Message("И тебе привет", myName, true)
72         );
73     }
74 }
75
```