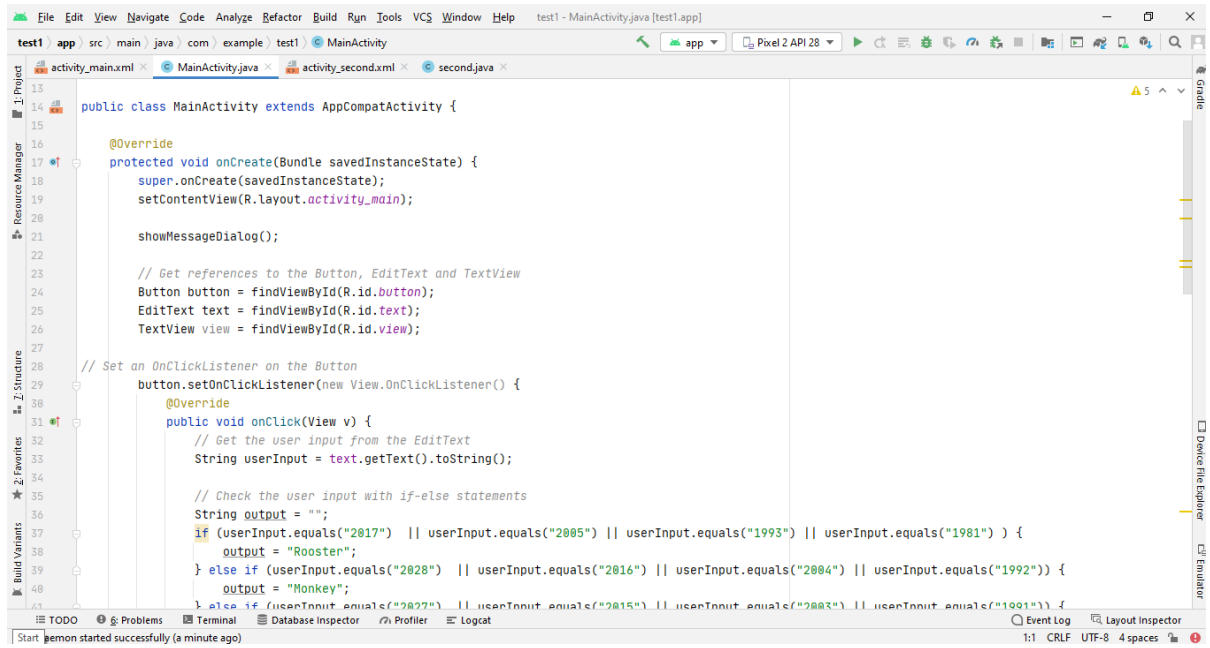
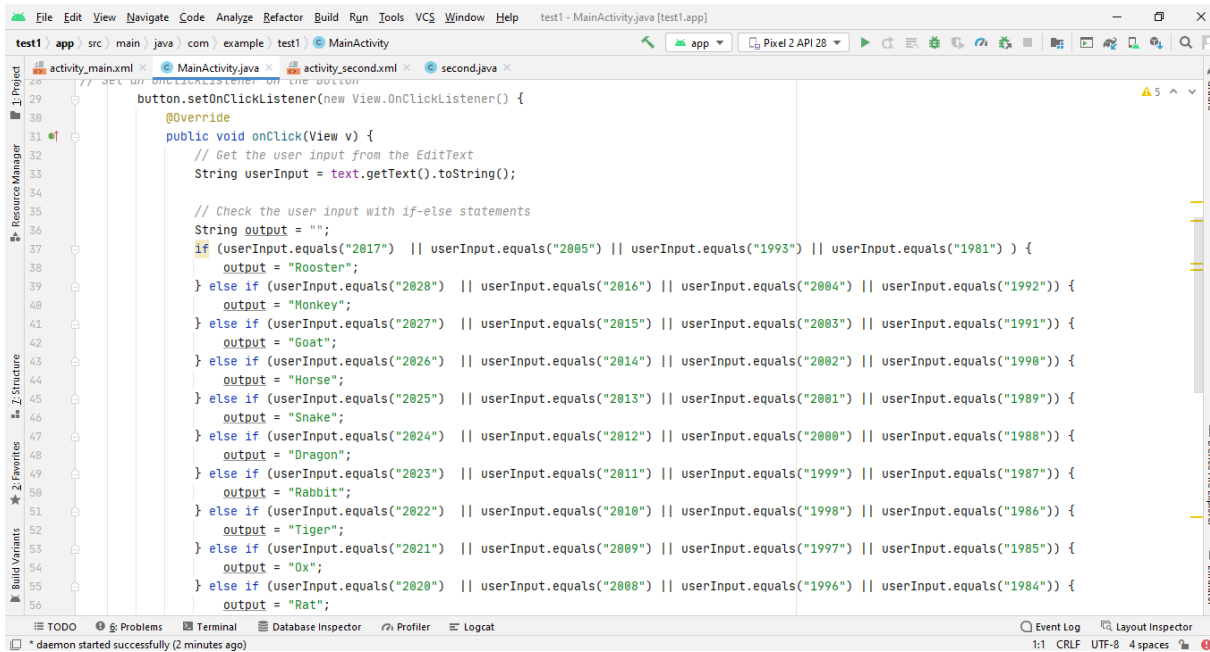


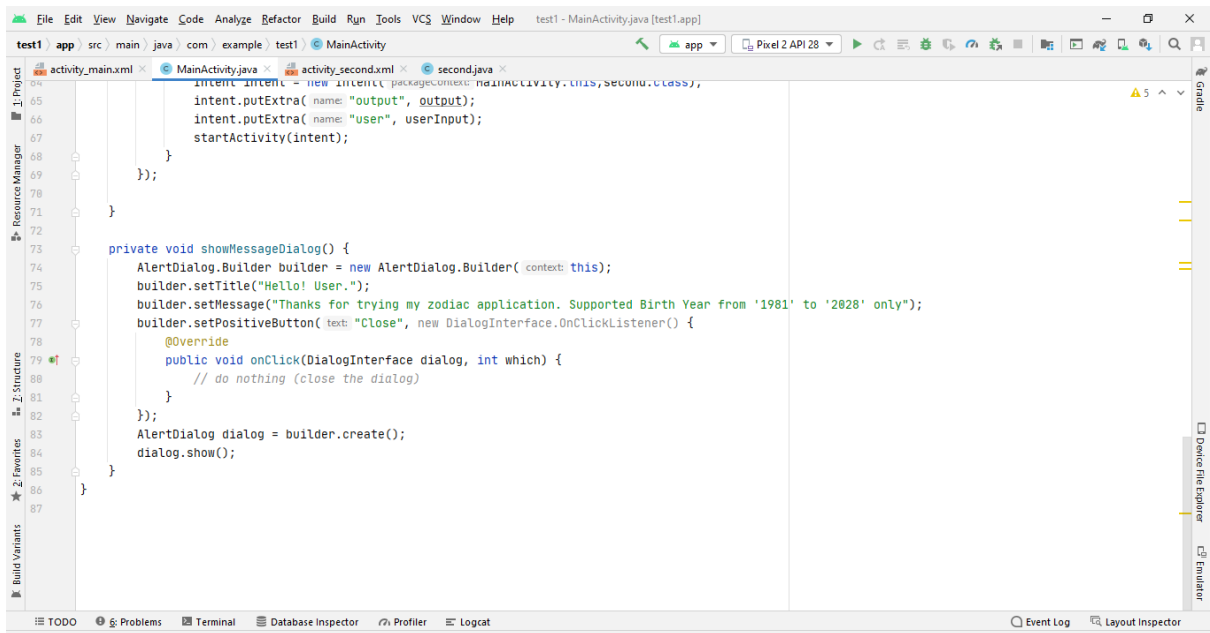
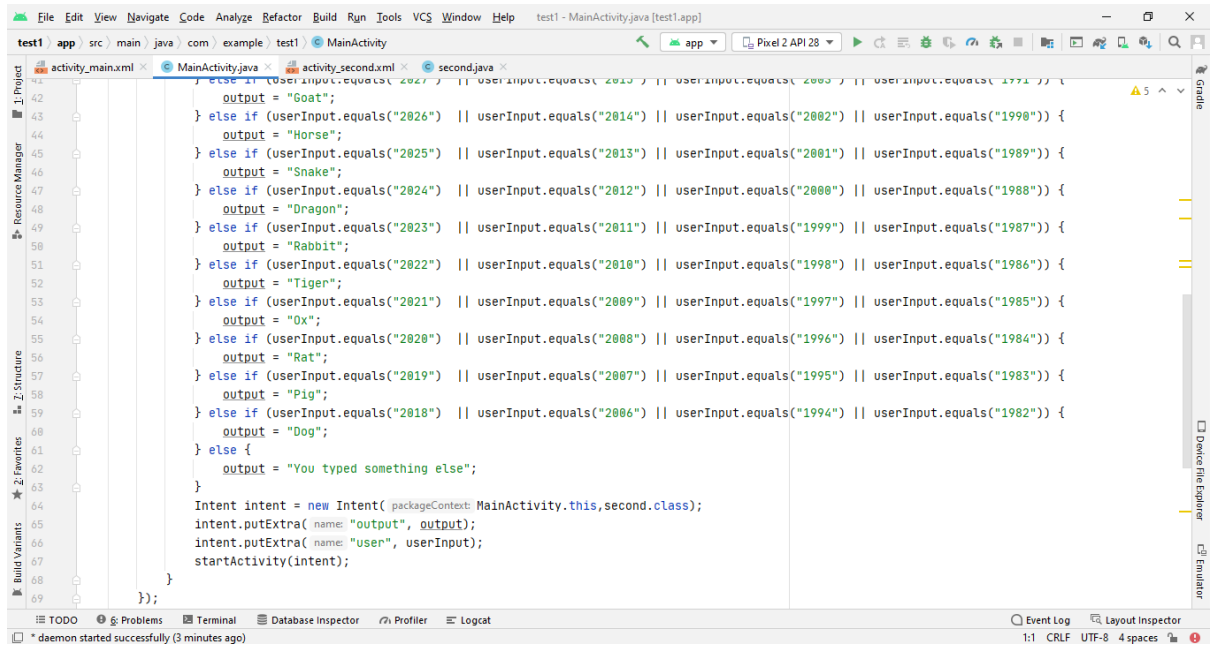
MAIN.JAVA CODES



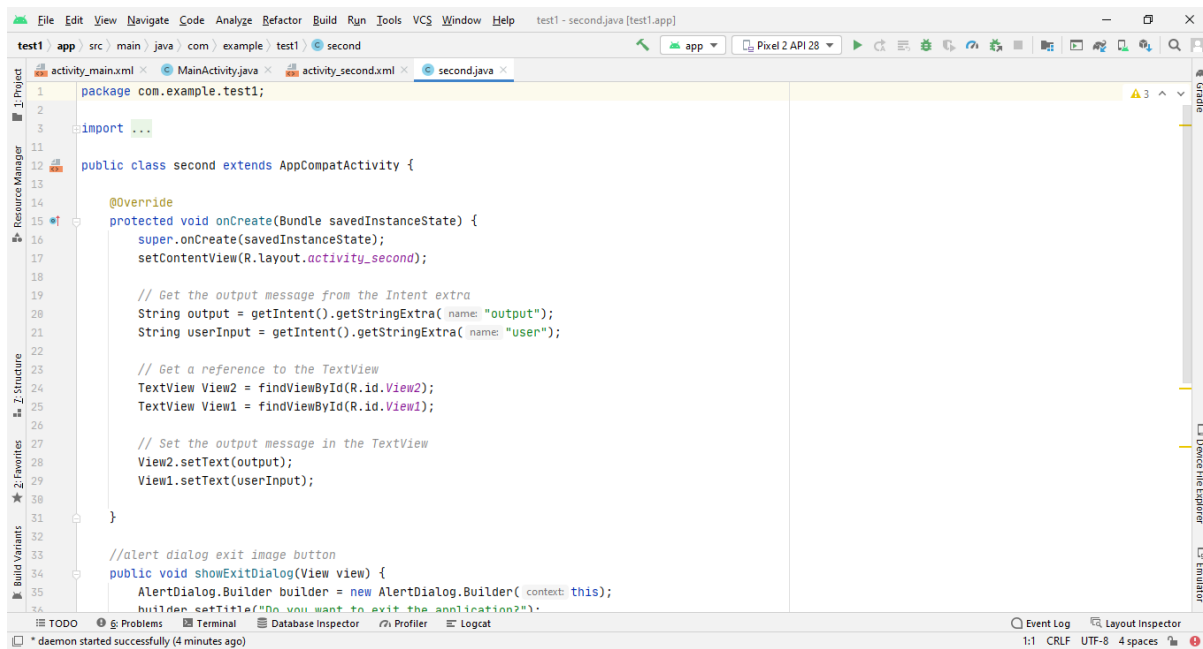
```
13 public class MainActivity extends AppCompatActivity {
14
15
16     @Override
17     protected void onCreate(Bundle savedInstanceState) {
18         super.onCreate(savedInstanceState);
19         setContentView(R.layout.activity_main);
20
21         showMessageDialog();
22
23         // Get references to the Button, EditText and TextView
24         Button button = findViewById(R.id.button);
25         EditText text = findViewById(R.id.text);
26         TextView view = findViewById(R.id.view);
27
28         // Set an OnClickListener on the Button
29         button.setOnClickListener(new View.OnClickListener() {
30             @Override
31             public void onClick(View v) {
32                 // Get the user input from the EditText
33                 String userInput = text.getText().toString();
34
35                 // Check the user input with if-else statements
36                 String output = "";
37                 if (userInput.equals("2017") || userInput.equals("2005") || userInput.equals("1993") || userInput.equals("1981")) {
38                     output = "Rooster";
39                 } else if (userInput.equals("2028") || userInput.equals("2016") || userInput.equals("2004") || userInput.equals("1992")) {
40                     output = "Monkey";
41                 } else if (userInput.equals("2027") || userInput.equals("2015") || userInput.equals("2003") || userInput.equals("1991")) {
42                     output = "Goat";
43                 } else if (userInput.equals("2026") || userInput.equals("2014") || userInput.equals("2002") || userInput.equals("1990")) {
44                     output = "Horse";
45                 } else if (userInput.equals("2025") || userInput.equals("2013") || userInput.equals("2001") || userInput.equals("1989")) {
46                     output = "Snake";
47                 } else if (userInput.equals("2024") || userInput.equals("2012") || userInput.equals("2000") || userInput.equals("1988")) {
48                     output = "Dragon";
49                 } else if (userInput.equals("2023") || userInput.equals("2011") || userInput.equals("1999") || userInput.equals("1987")) {
50                     output = "Rabbit";
51                 } else if (userInput.equals("2022") || userInput.equals("2010") || userInput.equals("1998") || userInput.equals("1986")) {
52                     output = "Tiger";
53                 } else if (userInput.equals("2021") || userInput.equals("2009") || userInput.equals("1997") || userInput.equals("1985")) {
54                     output = "Ox";
55                 } else if (userInput.equals("2020") || userInput.equals("2008") || userInput.equals("1996") || userInput.equals("1984")) {
56                     output = "Rat";
57                 }
58                 view.setText(output);
59             }
60         });
61     }
62 }
```



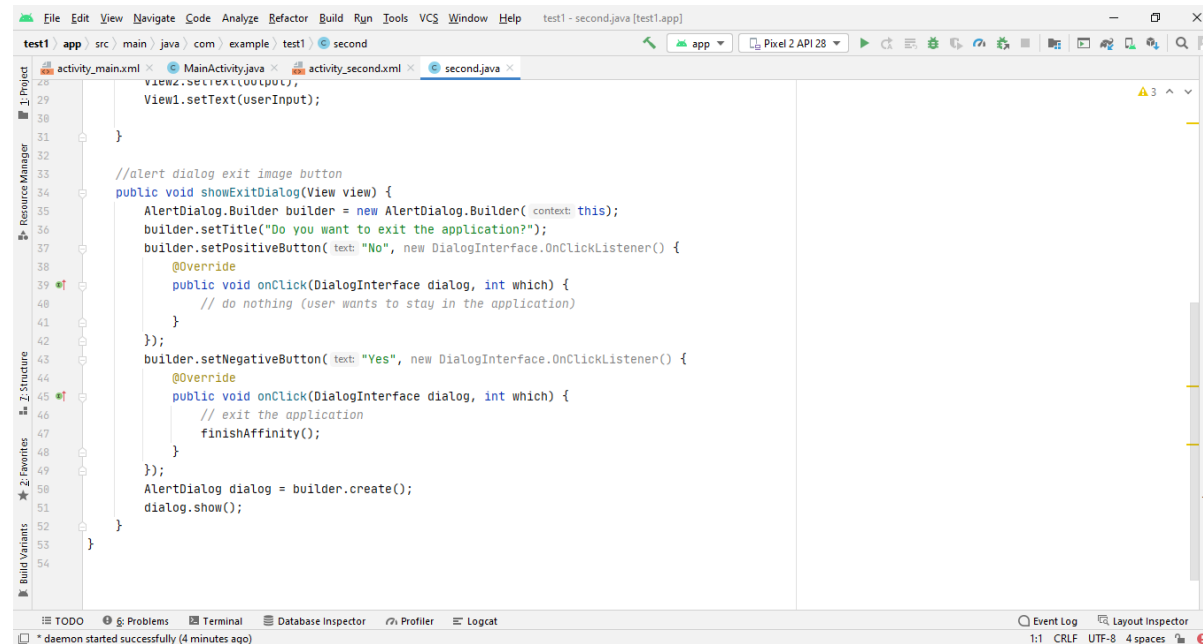
```
29 button.setOnClickListener(new View.OnClickListener() {
30     @Override
31     public void onClick(View v) {
32         // Get the user input from the EditText
33         String userInput = text.getText().toString();
34
35         // Check the user input with if-else statements
36         String output = "";
37         if (userInput.equals("2017") || userInput.equals("2005") || userInput.equals("1993") || userInput.equals("1981")) {
38             output = "Rooster";
39         } else if (userInput.equals("2028") || userInput.equals("2016") || userInput.equals("2004") || userInput.equals("1992")) {
40             output = "Monkey";
41         } else if (userInput.equals("2027") || userInput.equals("2015") || userInput.equals("2003") || userInput.equals("1991")) {
42             output = "Goat";
43         } else if (userInput.equals("2026") || userInput.equals("2014") || userInput.equals("2002") || userInput.equals("1990")) {
44             output = "Horse";
45         } else if (userInput.equals("2025") || userInput.equals("2013") || userInput.equals("2001") || userInput.equals("1989")) {
46             output = "Snake";
47         } else if (userInput.equals("2024") || userInput.equals("2012") || userInput.equals("2000") || userInput.equals("1988")) {
48             output = "Dragon";
49         } else if (userInput.equals("2023") || userInput.equals("2011") || userInput.equals("1999") || userInput.equals("1987")) {
50             output = "Rabbit";
51         } else if (userInput.equals("2022") || userInput.equals("2010") || userInput.equals("1998") || userInput.equals("1986")) {
52             output = "Tiger";
53         } else if (userInput.equals("2021") || userInput.equals("2009") || userInput.equals("1997") || userInput.equals("1985")) {
54             output = "Ox";
55         } else if (userInput.equals("2020") || userInput.equals("2008") || userInput.equals("1996") || userInput.equals("1984")) {
56             output = "Rat";
57         }
58         view.setText(output);
59     }
60 })
```



SECOND.JAVA CODES



```
1 package com.example.test1;
2
3 import ...
4
11
12 public class second extends AppCompatActivity {
13
14     @Override
15     protected void onCreate(Bundle savedInstanceState) {
16         super.onCreate(savedInstanceState);
17         setContentView(R.layout.activity_second);
18
19         // Get the output message from the Intent extra
20         String output = getIntent().getStringExtra( name: "output");
21         String userInput = getIntent().getStringExtra( name: "user");
22
23         // Get a reference to the TextView
24         TextView View2 = findViewById(R.id.View2);
25         TextView View1 = findViewById(R.id.View1);
26
27         // Set the output message in the TextView
28         View2.setText(output);
29         View1.setText(userInput);
30     }
31
32     //alert dialog exit image button
33     public void showExitDialog(View view) {
34         AlertDialog.Builder builder = new AlertDialog.Builder( context: this);
35         builder.setTitle("Do you want to exit the application?");
36     }
37 }
38
39
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```



```
26 View2.setText(output);
27 View1.setText(userInput);
28 }
29
30
31
32
33 //alert dialog exit image button
34 public void showExitDialog(View view) {
35     AlertDialog.Builder builder = new AlertDialog.Builder( context: this);
36     builder.setTitle("Do you want to exit the application?");
37     builder.setPositiveButton( text: "No", new DialogInterface.OnClickListener() {
38         @Override
39         public void onClick(DialogInterface dialog, int which) {
40             // do nothing (user wants to stay in the application)
41         }
42     });
43     builder.setNegativeButton( text: "Yes", new DialogInterface.OnClickListener() {
44         @Override
45         public void onClick(DialogInterface dialog, int which) {
46             // exit the application
47             finishAffinity();
48         }
49     });
50     AlertDialog dialog = builder.create();
51     dialog.show();
52 }
53
54
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```