MAIN.JAVA CODES

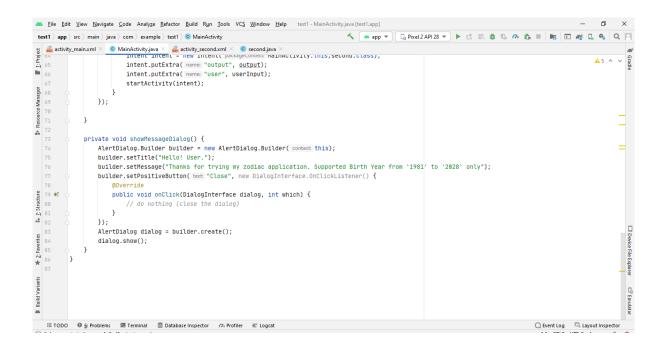
```
- 🗗 ×
\textbf{test1} \; \rangle \; \textbf{app} \; \rangle \; \text{src} \; \rangle \; \text{main} \; \rangle \; \text{java} \; \rangle \; \text{com} \; \rangle \; \text{example} \; \rangle \; \text{test1} \; \rangle \; \textcircled{\textbf{G}} \; \text{MainActivity}
                                                                                   g activity_main.xml × © MainActivity.java × and activity_second.xml × © second.java ×
public class MainActivity extends AppCompatActivity {
  17 e†
             protected void onCreate(Bundle savedInstanceState) {
                 super.onCreate(savedInstanceState);
Resource N 19 20
                 setContentView(R.layout.activity_main);
№ 21
                showMessageDialog();
                 // Get references to the Button, EditText and TextView
                Button button = findViewById(R.id.button);
EditText text = findViewById(R.id.text);
                 TextView view = findViewById(R.id.view);
         // Set an OnClickListener on the Button
                button.setOnClickListener(new View.OnClickListener() {
7 ...
                    public void onClick(View v) {
  31 ef
                         // Get the user input from the EditText
                        String userInput = text.getText().toString();
                        // Check the user input with if-else statements
                        String <u>output</u> = "";
                        if (userInput.equals("2017") || userInput.equals("2005") || userInput.equals("1993") || userInput.equals("1981") ) {
                                                                                                                                                                 Q.
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                        } else if (userInput.equals("2028") || userInput.equals("2016") || userInput.equals("2004") || userInput.equals("1992")) {
                          Start pemon started successfully (a minute ago)
```

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    <u>File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help</u> test1 - MainActivity, java [test1.app]
 \textbf{test1} \ \rangle \ \textbf{app} \ \rangle \ \text{src} \ \rangle \ \text{main} \ \rangle \ \text{java} \ \rangle \ \text{com} \ \rangle \ \text{example} \ \rangle \ \text{test1} \ \rangle \ \textcircled{@} \ \text{MainActivity}
                                                                                                                                                                        g activity_main.xml × @ MainActivity.java × activity_second.xml × @ second.java × profile button.setOnClickListener(new View.OnClickListener() @ over-ride o
                                                                                                                                                                                                                                                                                                                          A5 ^ v
                                  button.setOnClickListener(new View.OnClickListener() {
                                           public void onClick(View v) {
                                                   // Get the user input from the EditText
                                                  String userInput = text.getText().toString();
                                                   // Check the user input with if-else statements
                                                   String output = "":
A
                                                  if (userInput.equals("2017") || userInput.equals("2005") || userInput.equals("1993") || userInput.equals("1981") ) {
                                                           output = "Rooster";
                                                   } else if (userInput.equals("2028") || userInput.equals("2016") || userInput.equals("2004") || userInput.equals("1992")) {
                                                          output = "Monkey";
                                                  } else if (userInput.equals("2027") || userInput.equals("2015") || userInput.equals("2003") || userInput.equals("1991")) {
                                                          output = "Goat";
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                                                  } else if (userInput.equals("2026") || userInput.equals("2014") || userInput.equals("2002") || userInput.equals("1990")) {
                                                          output = "Horse";
                                                  } else if (userInput.equals("2025") || userInput.equals("2013") || userInput.equals("2001") || userInput.equals("1989")) {
                                                           output = "Snake";
                                                  } else if (userInput.equals("2024") || userInput.equals("2012") || userInput.equals("2000") || userInput.equals("1988")) {
                                                          output = "Dragon";
                                                 } else if (userInput.equals("2023") || userInput.equals("2011") || userInput.equals("1999") || userInput.equals("1987")) {
                                                          output = "Rabbit";
                                                  } else if (userInput.equals("2022") || userInput.equals("2010") || userInput.equals("1998") || userInput.equals("1986")) {
                                                          <u>output</u> = "Tiger"
                                                  } else if (userInput.equals("2021") || userInput.equals("2009") || userInput.equals("197") || userInput.equals("1985")) {
                                                           output = "0x";
₩ Build
                                                  } else if (userInput.equals("2020") || userInput.equals("2008") || userInput.equals("1996") || userInput.equals("1984")) {
                                                          output = "Rat";
☐ Event Log ☐ Layout Inspector

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👅 Eile Edit View Navigate Code Analyze Refactor Build Run Iools VCS Window Help test1-MainActivity.java[test1.app] — 🗇 🗙
                                                                                     \textbf{test1} \ \rangle \ \textbf{app} \ \rangle \ \text{src} \ \rangle \ \text{main} \ \rangle \ \text{java} \ \rangle \ \text{com} \ \rangle \ \text{example} \ \rangle \ \text{test1} \ \rangle \ \textcircled{\textbf{@}} \ \text{MainActivity}
output =
42
                         } else if (userInput.equals("2026") || userInput.equals("2014") || userInput.equals("2002") || userInput.equals("1990")) {
                             output =
                         } else if (userInput.equals("2025") || userInput.equals("2013") || userInput.equals("2001") || userInput.equals("1989")) {
                             output = "Snake";
                        else if (userInput.equals("2024") || userInput.equals("2012") || userInput.equals("2000") || userInput.equals("1988")) }
                             output = "Dragon";
                      } else if (userInput.equals("2023") || userInput.equals("2011") || userInput.equals("1999") || userInput.equals("1987")) {
                        } else if (userInput.equals("2022") || userInput.equals("2010") || userInput.equals("1998") || userInput.equals("1986")) {
                        } else if (userInput.equals("2021") || userInput.equals("2009") || userInput.equals("1997") || userInput.equals("1985")) {
                        } else if (userInput.equals("2020") || userInput.equals("2008") || userInput.equals("1996") || userInput.equals("1984")) {
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                        } else if (userInput.equals("2019") || userInput.equals("2007") || userInput.equals("1995") || userInput.equals("1983")) {
                             output = "Pig";
                        } else if (userInput.equals("2018") || userInput.equals("2006") || userInput.equals("1994") || userInput.equals("1982")) {
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                        output = "Dog";
} else {
                         output = "You typed something else";
}
                         Intent intent = new Intent( packageContext: MainActivity.this, second.class);
                         intent.putExtra( name "output", output);
intent.putExtra( name "user", userInput);
                                                                                                                                                                     ū
                         startActivity(intent);
B 68
III TODO ⊕ 6: Problems III Terminal ■ Database Inspector A Profiler ■ Logcat

□ *daemon started successfully (3 minutes ago)
```



SECOND.JAVA CODES

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    <u>File Edit View Navigate Code Analyze Refactor Build Run Jools VCS Window Help</u> test1 - second.java [test1.app]

g activity_main.xml × @ MainActivity.java × activity_second.xml × @ second.java × 2 package com.example.test1;
                                                                                                                     12 # public class second extends AppCompatActivity {
                  @Override
   15 •
                 protected void onCreate(Bundle savedInstanceState) {
♣ 16
17
                    super.onCreate(savedInstanceState);
setContentView(R.layout.activity_second);
                     String output = getIntent().getStringExtra( name "output");
String userInput = getIntent().getStringExtra( name "user");
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                        // Get a reference to the TextVie
                      TextView View2 = findViewById(R.id.View2);
TextView View1 = findViewById(R.id.View1);
25 Eavorites 29 29 30
                        // Set the output message in the TextView
                      View2.setText(output);
                      View1.setText(userInput);
31
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                 //alert dialog exit image button
public void showExitDialog(View view) {
AlertDialog, Builder builder = new AlertDialog. Builder(context this);

builder setTitle("Do. Vol. want to exit the annication?").

□ TOOO ⊕ § Problem © Terminal ■ Database inspector ← Profiler ■ Logat

□ "deemon started successfully (4 minutes ago)
```

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                                                                                                                                                                                                                                                            test1 app src main ava com example test1 second
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                                            View1.setText(userInput);
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                                     //alert dialog exit image button
public void showExitDialog(View view) {
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                                       AlertDialog.Builder builder = new AlertDialog.Builder(context this);
builder.setTitle("Do you want to exit the application?");
                                                    builder.setPositiveButton( text "No", new DialogInterface.OnClickListener() {
                                                           public void onClick(DialogInterface dialog, int which) {
    // do nothing (user wants to stay in the application)
}
     39 ©
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                                                  builder.setNegativeButton( text: "Yes", new DialogInterface.OnClickListener() {
                                                               public void onClick(DialogInterface dialog, int which) {
                                                                                  exit the application
                                                                       finishAffinity();
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                                                     AlertDialog dialog = builder.create();
                                                   dialog.show();
Stranger Str
                                                                                                                                                                                                                                                                                                                                                                                                                       ☐ Event Log ☐ Layout Inspector

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