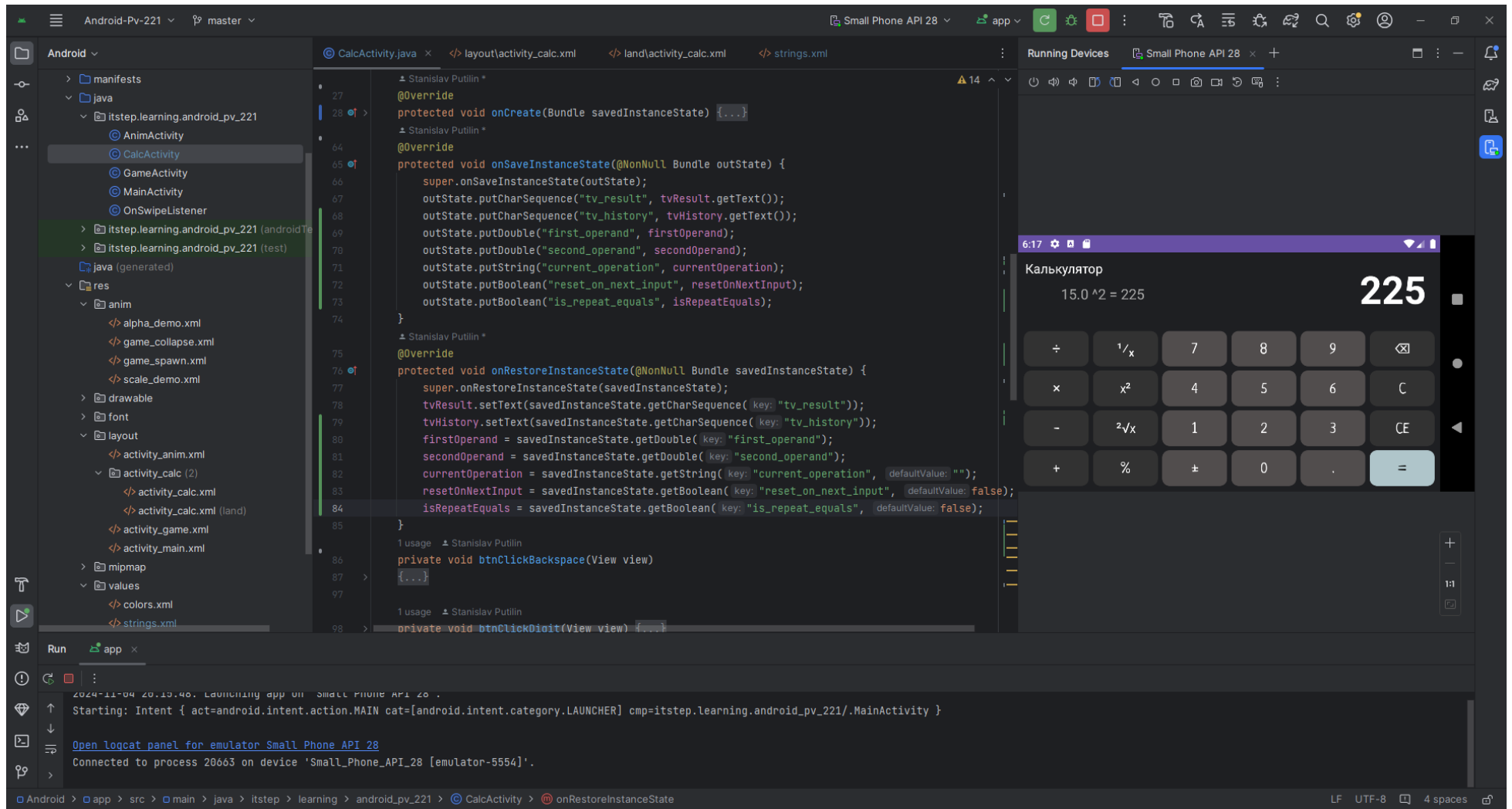


Это сохранение параметров при повороте.



Android-Pv-221 master

Small Phone API 28 app

Running Devices Small Phone API 28

Android

- manifests
- java
  - itstep.learning.android\_pv\_221
    - AnimActivity
    - CalcActivity
    - GameActivity
    - MainActivity
    - OnSwipeListener
  - itstep.learning.android\_pv\_221 (androidTest)
  - itstep.learning.android\_pv\_221 (test)
  - java (generated)
  - res
    - anim
      - alpha\_demo.xml
      - game\_collapse.xml
      - game\_spawn.xml
      - scale\_demo.xml
    - drawable
    - font
    - layout
      - activity\_anim.xml
      - activity\_calc (2)
        - activity\_calc.xml
        - activity\_calc.xml (land)
        - activity\_game.xml
        - activity\_main.xml
    - mipmap
    - values
      - colors.xml
      - strings.xml

CalcActivity.java

```
176
177 private void btnClickSquare(View view) {
178
179     1 usage new *
196 private void btnClickSquareRoot(View view) {
197     try {
198         NumberFormat format = NumberFormat.getInstance(Locale.ROOT);
199         currentOperation = "√";
200         firstOperand = format.parse(tvResult.getText().toString()).doubleValue();
201
202         if (firstOperand < 0)
203         {
204             tvResult.setText(R.string.error_invalid_input);
205             tvHistory.setText("");
206             return;
207         }
208
209         double result = Math.sqrt(firstOperand);
210
211         String formattedResult = formatResult(result);
212
213         tvResult.setText(formattedResult);
214         tvHistory.setText("√" + firstOperand + " = " + formattedResult);
215
216         firstOperand = result;
217         resetOnNextInput = true;
218         isRepeatEquals = true;
219     } catch (ParseException e) {
220         e.printStackTrace();
221     }
222 }
223
224 }
```

Калькулятор

√225.0 = 15

15

% CE C ✕

1/x x² 2√x ÷

7 8 9 ×

4 5 6 -

1 2 3 +

± 0 . =

Run app

2024-11-04 20:19:46. Launching app on 'Small Phone API 28'.

Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=itstep.learning.android\_pv\_221/.MainActivity }

Open logcat panel for emulator Small Phone API 28

Connected to process 20663 on device 'Small\_Phone\_API\_28 [emulator-5554]'.

Android > app > src > main > java > itstep > learning > android\_pv\_221 > CalcActivity > onRestoreInstanceState

LF UTF-8 4 spaces

Android-Pv-221 master

Small Phone API 28 app

Running Devices Small Phone API 28

6:20

Калькулятор

1 / 15.0 = 0.0666667

0.0666667

% CE C ✕

1/x x² ²√x ÷

7 8 9 ×

4 5 6 -

1 2 3 +

± 0 . =

1:1

```
196
197 >
224
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243
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245
246
247
248
249
250
251 >
private void btnClickSquareRoot(View view) {
    // ...
}

private void btnClickReciprocal(View view) {
    try {
        NumberFormat format = NumberFormat.getInstance(Locale.ROOT);
        firstOperand = format.parse(tvResult.getText().toString()).doubleValue();
        currentOperation = "1/x";

        if (firstOperand == 0) {
            tvResult.setText(R.string.error_divide_by_zero);
            tvHistory.setText("");
            return;
        }

        double result = 1 / firstOperand;

        String formattedResult = formatResult(result);
        tvResult.setText(formattedResult);
        tvHistory.setText("1 / " + firstOperand + " = " + formattedResult);

        firstOperand = result;
        resetOnNextInput = true;
        isRepeatEquals = true;
    } catch (ParseException e) {
        e.printStackTrace();
    }
}

private void btnClickPercent(View view) {
    // ...
}
```

Run app

2024-11-04 20:19:46. Launching app on 'Small Phone API 28'.

Starting: Intent { act=android.intent.action.MAIN cat=[android.intent.category.LAUNCHER] cmp=itstep.learning.android\_pv\_221/.MainActivity }

Open logcat panel for emulator Small Phone API 28

Connected to process 20663 on device 'Small\_Phone\_API\_28 [emulator-5554]'.

Android > app > src > main > java > itstep > learning > android\_pv\_221 > CalcActivity > onRestoreInstanceState

LF UTF-8 4 spaces

Проценты тяжковато показать – это было  $101 - 5\%$ . Второй скрин после нажатия на  $=$ .

