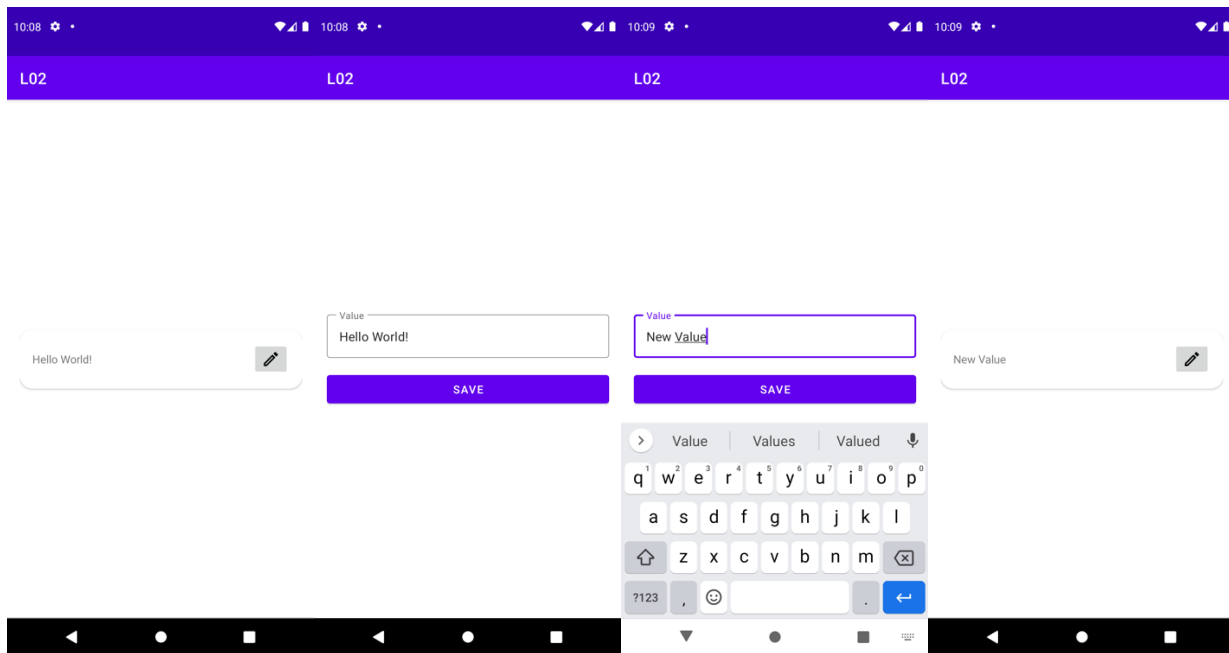


Calcul Mobil: L02 - Voicu Babiciu



MainActivity.kt

```
package com.voicubabiciu.l02

import android.app.Activity
import android.content.Intent
import android.net.Uri
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import androidx.activity.result.contract.ActivityResultContracts
import com.voicubabiciu.l02.databinding.ActivityMainBinding

class MainActivity : AppCompatActivity() {
    private lateinit var binding: ActivityMainBinding
    val getValue =
registerForActivityResult(ActivityResultContracts.StartActivityForResult()) {
    if (it.resultCode == Activity.RESULT_OK) {
        it.data?.let { result ->
            if (result.hasExtra("VALUE")) {
                binding.tvValue.text = result.getStringExtra("VALUE")
            }
        }
    }
}

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        binding = ActivityMainBinding.inflate(layoutInflater)
        setContentView(binding.root)
        binding.btnEdit.setOnClickListener {
            val intent = Intent(this, SecondActivity::class.java)
            intent.putExtra("VALUE", binding.tvValue.text.toString())
            getValue.launch(intent)
        }
    }
}
```

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity"
android:padding="16dp">
    <androidx.cardview.widget.CardView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:cardCornerRadius="16dp">
        <RelativeLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:padding="16dp">
            <TextView
                android:id="@+id/tv_value"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:text="@string/hello_world_label"
                android:layout_centerVertical="true"
                />

            <ImageButton
                android:id="@+id/btn_edit"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_centerVertical="true"
                android:layout_alignParentEnd="true"
                android:src="@drawable/pencil_outline"
                android:contentDescription="@string/pencil_outline_description"
                />
        </RelativeLayout>
    </androidx.cardview.widget.CardView>
</androidx.constraintlayout.widget.ConstraintLayout>
```

SecondActivity.kt

```
package com.voicubabiciu.l02

import android.app.Activity
import android.content.Intent
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import com.voicubabiciu.l02.databinding.ActivitySecondBinding

class SecondActivity : AppCompatActivity() {
    lateinit var binding: ActivitySecondBinding
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        binding = ActivitySecondBinding.inflate(layoutInflater)
        setContentView(binding.root)
        if (intent.hasExtra("VALUE")) {
            binding.tilValue.editText?.setText(intent.getStringExtra("VALUE"))
        }
        binding.btnSave.setOnClickListener {
            val intent = Intent(this, MainActivity::class.java)
            intent.putExtra("VALUE",
binding.tilValue.editText?.text.toString())
            setResult(Activity.RESULT_OK, intent )
            finish()
        }
    }
}
```

activity_second.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="16dp"
    tools:context=".SecondActivity">

    <com.google.android.material.textfield.TextInputLayout
        android:id="@+id/til_value"
        style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="@string/value"
        app:layout_constraintBottom_toTopOf="@+id/btn_save"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_chainStyle="packed"
        tools:layout_editor_absoluteX="16dp">

        <com.google.android.material.textfield.TextInputEditText
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            />
    </com.google.android.material.textfield.TextInputLayout>

    <Button
        android:id="@+id/btn_save"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginTop="16dp"
        android:text="@string/save"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/til_value" />

</androidx.constraintlayout.widget.ConstraintLayout>
```