

Bài 1:

The screenshot shows the Android Studio interface with the code editor open to `MainActivity.kt`. The code implements a basic calculator with a numeric keypad, arithmetic operators (+, -, *, /), and function keys (CE, C, BS). The emulator window shows the calculator application with the display showing "8*9" and the result being calculated as 72.

```
import android.widget.Button
import android.widget.TextView
import androidx.appcompat.app.AppCompatActivity
import net.objecthunter.exp4j.Expression
import net.objecthunter.exp4j.ExpressionBuilder

class MainActivity : AppCompatActivity() {

    private lateinit var display: TextView
    private lateinit var result: TextView
    private var currentExpression = StringBuilder()
    private var justCalculated = false

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        display = findViewById(R.id.display)
        result = findViewById(R.id.result)

        // Đặt hiển thị ban đầu
        display.text = "0"
        result.text = ""

        val buttonIds = intArrayOf(
            R.id.button0, R.id.button1, R.id.button2, R.id.button3,
            R.id.button4, R.id.button5, R.id.button6, R.id.button7,
            R.id.button8, R.id.button9, R.id.buttonDivide,
            R.id.buttonMultiply, R.id.buttonSubtract, R.id.buttonAdd,
            R.id.buttonClear, R.id.buttonDelete, R.id.buttonEqual,
            R.id.buttonPoint
        )
    }
}
```

The screenshot shows the Android Studio interface with the code editor open to `MainActivity.kt`. The code is identical to the first screenshot. The emulator window shows the calculator application with the display showing "-72/9" and the result being calculated as -8.

```
import android.widget.Button
import android.widget.TextView
import androidx.appcompat.app.AppCompatActivity
import net.objecthunter.exp4j.Expression
import net.objecthunter.exp4j.ExpressionBuilder

class MainActivity : AppCompatActivity() {

    private lateinit var display: TextView
    private lateinit var result: TextView
    private var currentExpression = StringBuilder()
    private var justCalculated = false

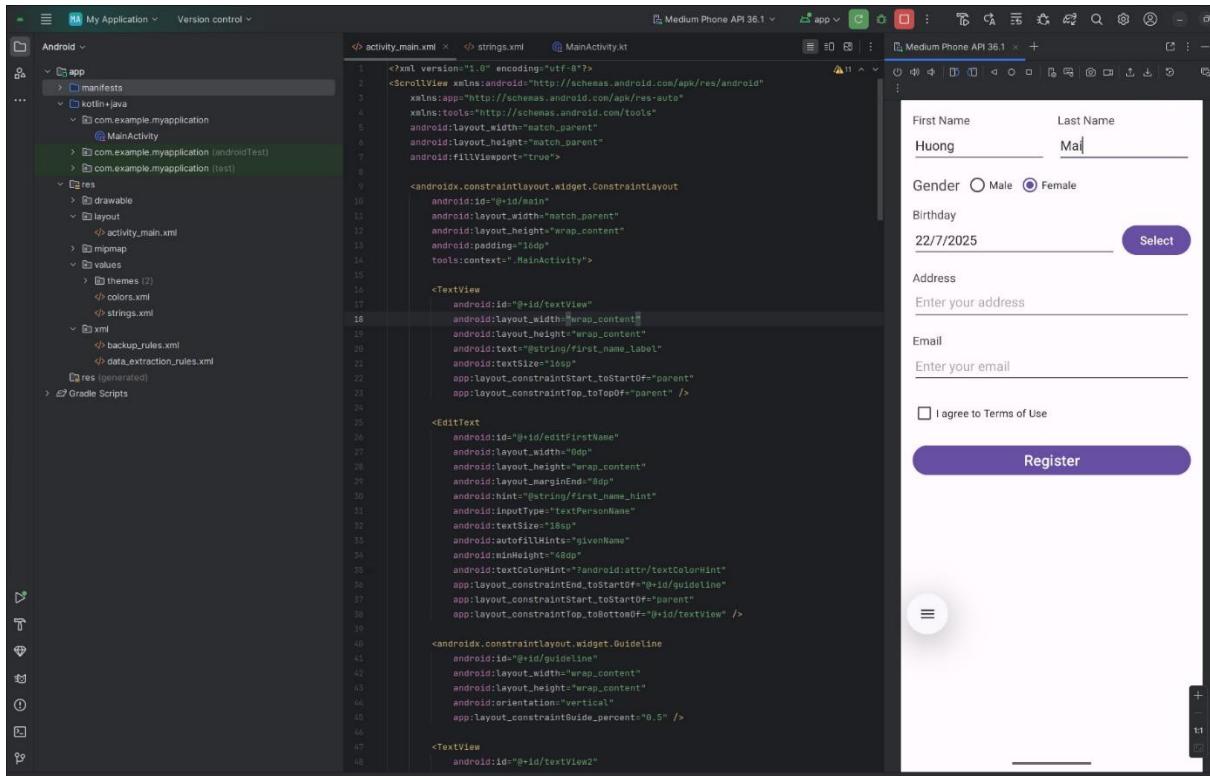
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)

        display = findViewById(R.id.display)
        result = findViewById(R.id.result)

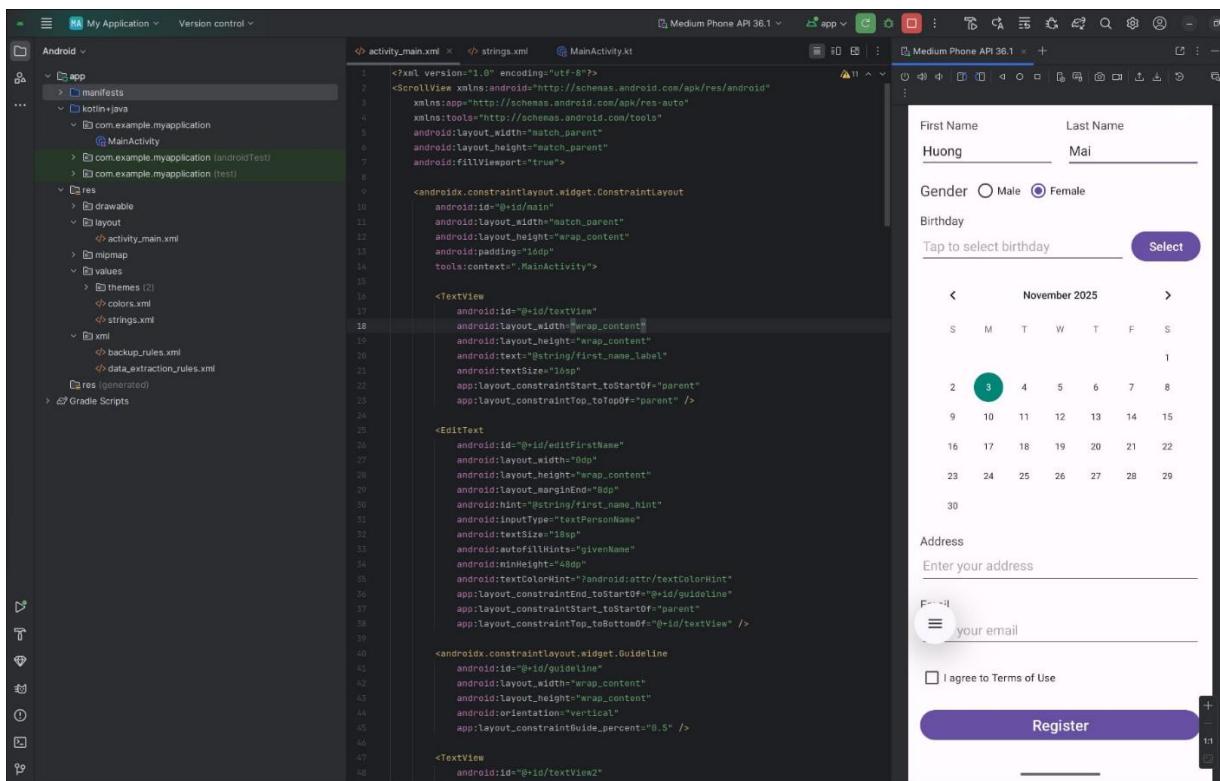
        // Đặt hiển thị ban đầu
        display.text = "0"
        result.text = ""

        val buttonIds = intArrayOf(
            R.id.button0, R.id.button1, R.id.button2, R.id.button3,
            R.id.button4, R.id.button5, R.id.button6, R.id.button7,
            R.id.button8, R.id.button9, R.id.buttonDivide,
            R.id.buttonMultiply, R.id.buttonSubtract, R.id.buttonAdd,
            R.id.buttonClear, R.id.buttonDelete, R.id.buttonEqual,
            R.id.buttonPoint
        )
    }
}
```

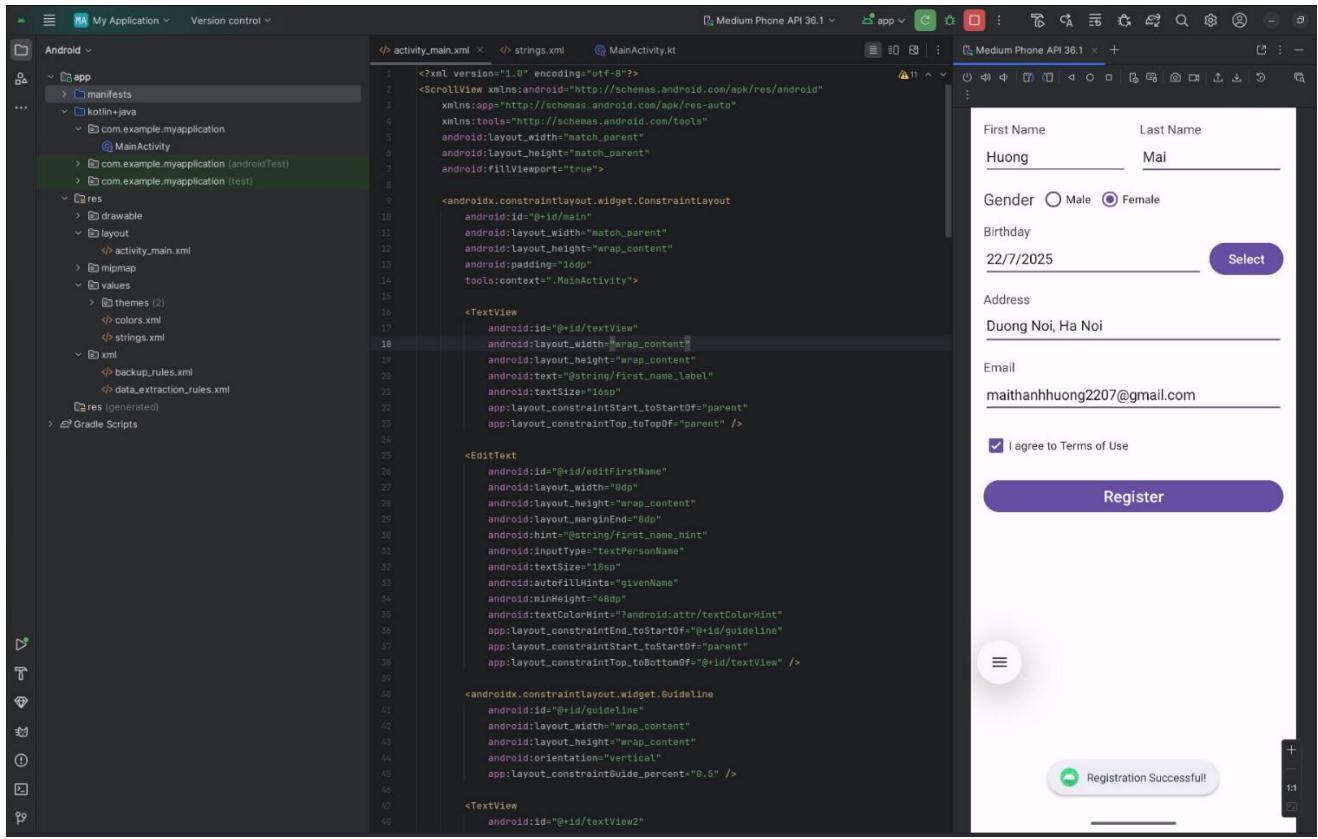
Bài 2



Khi ấn vào select thì sẽ hiện ra calendar view



Khi người dùng nhấn Register với đầy đủ thông tin



Khi nhấn register khi chưa điền đủ thông tin

