Assignment-2

Dice Rolling:

Code:

```kotlin
package com.example.dice_rolling


import android.os.Bundle
import android.widget.Button
import android.widget.ImageView
import android.widget.TextView
import androidx.activity.ComponentActivity
import kotlin.random.Random


class MainActivity : ComponentActivity() {

    private lateinit var diceImageView: ImageView
    private lateinit var rollButton: Button
    private lateinit var rollResultTextView: TextView
    private lateinit var headingView:TextView

    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.layout)
        headingView = findViewById(R.id.headingView)
        diceImageView = findViewById(R.id.diceImageView)
        rollButton = findViewById(R.id.rollButton)
        rollResultTextView = findViewById(R.id.rollResultTextView)

        rollButton.setOnClickListener {
            rollDice()
        }
    }

    private fun rollDice() {
        val randomInt = Random.nextInt(1, 7)
        val drawableResource = when (randomInt) {
            1 -> {
                rollResultTextView.text = "1"
                R.drawable.dice1
            }
            2 -> {
                rollResultTextView.text = "2"
                R.drawable.dice2
            }
            3 -> {
                rollResultTextView.text = "3"
                R.drawable.dice3
            }
            4 -> {
                rollResultTextView.text = "4"
                R.drawable.dice4
            }
            5 -> {
                rollResultTextView.text = "5"
                R.drawable.dice5
            }
```
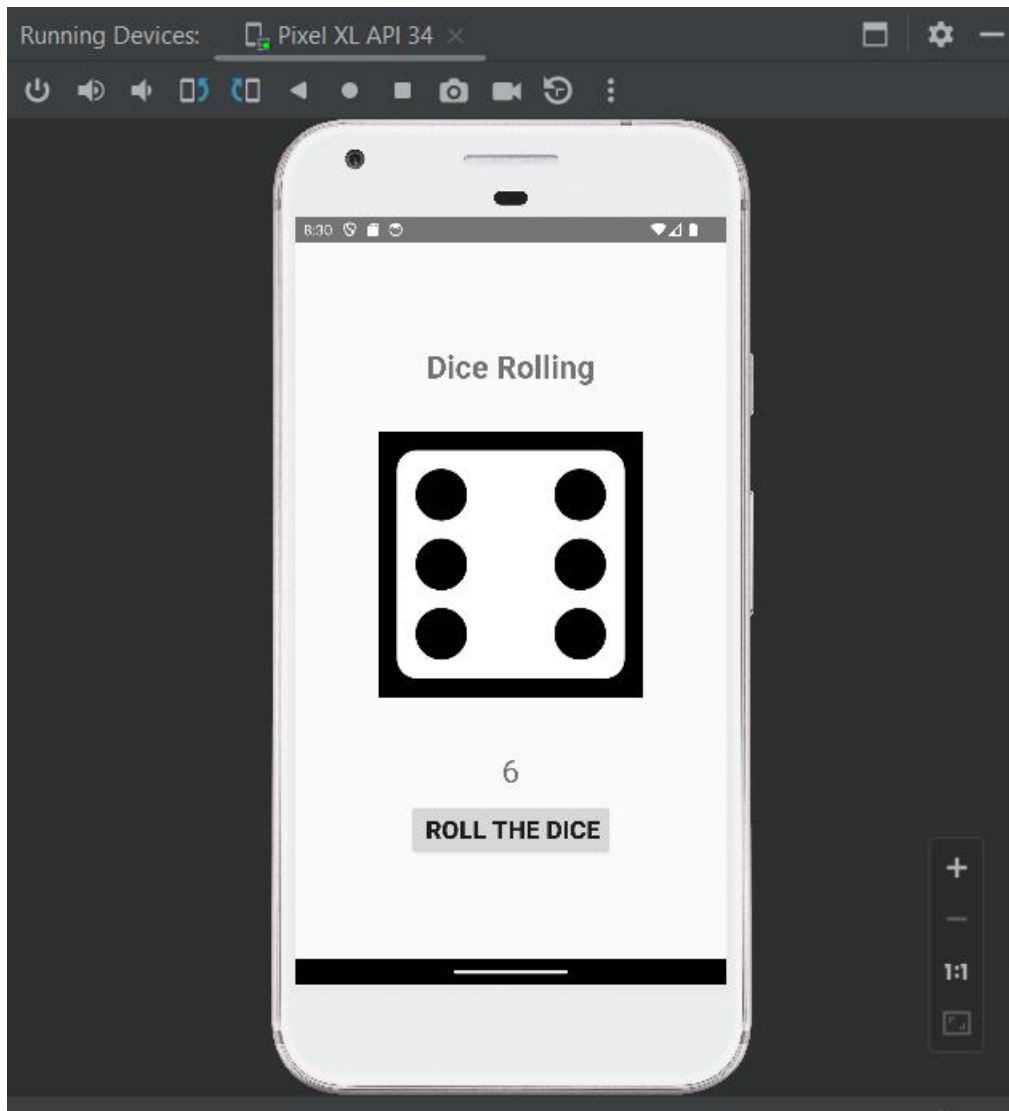
```
            else -> {
                rollResultTextView.text = "6"
                R.drawable.dice6
            }
        }
        diceImageView.setImageResource(drawableResource)
    }
}
```

OUTPUT SCREEN SHOT:

GITHUB LINK:

ALL FILES ARE UPLOADED HERE:

https://github.com/sneha-1003/Dice-Rolling

DRIVE LINK:

(ZIP FILE):

https://drive.google.com/file/d/1Lt_muVHmkGg9aMwV_IhccvenwuOfKXE_/view?usp=sharing