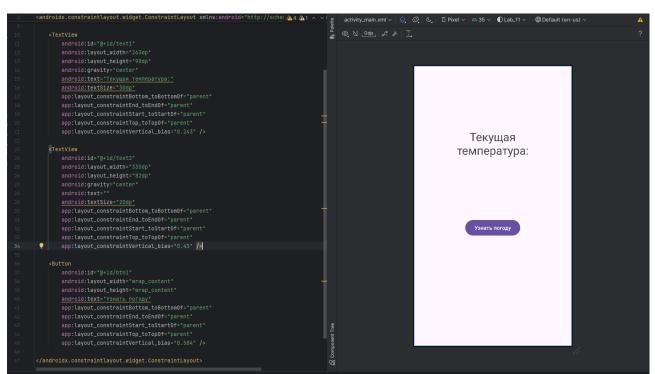
Практическая работа 11

1. Добавляем разрешения в манифест

```
activity_main.xml
                     @ MainActivity.kt
                                         M AndroidManifest.xml ×
                                                                  € build.gradle.kts (:app)
       <?xml version="1.0" encoding="utf-8"?>
       <manifest xmlns:android="http://schemas.android.com/apk/res/android"
           <uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION"/>
           <uses-permission android:name="android.permission.ACCESS_FINE_LOCATION"/>
           <application
               android:allowBackup="true"
               android:dataExtractionRules="@xml/data_extraction_rules"
               android:fullBackupContent="@xml/backup_rules"
               android:icon="@mipmap/ic_launcher"
               android:label="Lab_11"
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               android:roundIcon="@mipmap/ic_launcher_round"
               android:supportsRtl="true"
               android:theme="@style/Theme.Lab_11"
               tools:targetApi="31">
```

2. Activity_main



3. MainActivity.kt. Api-key берем с сайта https://openweathermap.org/.

```
c€ass MainActivity : AppCompatActivity() {
    var api_key = "740454c32461221b2fa279da664798ab"
    private lateinit var btVar1: Button
    private lateinit var textView: TextView
    private lateinit var <u>fusedLocationClient</u>: FusedLocationProviderClient
    private val LOCATION_PERMISSION_REQUEST_CODE = 1
    @SuppressLint("MissingInflatedId")
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        enableEdgeToEdge()
        setContentView(R.layout.activity_main)
        textView = findViewById(R.id.text2)
        btVar1 = findViewById(R.id.btn1)
            LocationServices.getFusedLocationProviderClient( activity: this)
        btVar1.setOnClickListener {
            checkForPermission()
    private fun checkForPermission() {
        if (ActivityCompat.checkSelfPermission( context: this,
                Manifest.permission.ACCESS_FINE_LOCATION) !=
            PackageManager.PERMISSION_GRANTED &&
            ActivityCompat.checkSelfPermission( context: this,
                Manifest.permission.ACCESS_COARSE_LOCATION) !=
            PackageManager.PERMISSION_GRANTED) {
            ActivityCompat.requestPermissions( activity: this,
                    Manifest.permission.ACCESS_FINE_LOCATION,
                    Manifest.permission.ACCESS_COARSE_LOCATION),
                LOCATION_PERMISSION_REQUEST_CODE)
            obtainLocation()
```

4. Результат:

