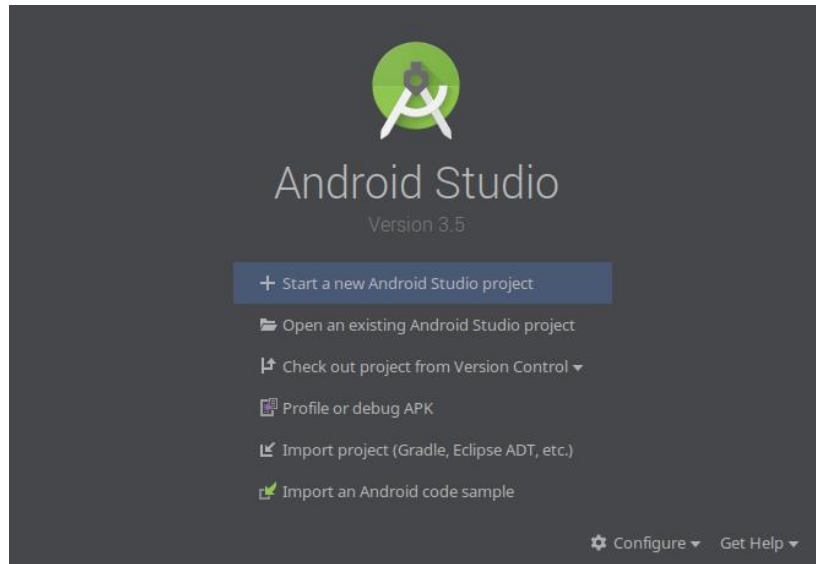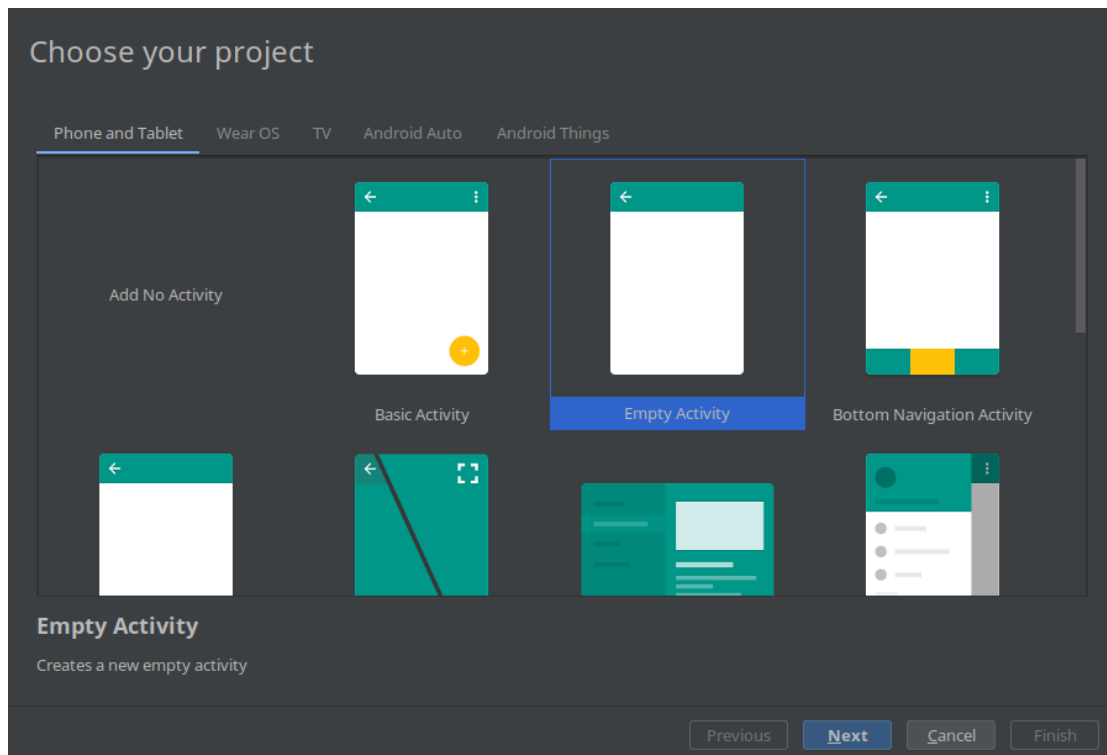# Praktikum 9
SeekBar

1. Buatlah proyek baru dengan Android Studio

2. Pilih Empty Activity untuk memulai aplikasi baru

3. Bukalah file activity main lalu edit

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.an-
droid.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">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:gravity="center"
        android:orientation="vertical">

        <TextView
            android:id="@+id/progress"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="- -"
            android:padding="20dp"/>
        <TextView
            android:id="@+id/seekbarStatus"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="- -"
            android:padding="20dp"/>

        <SeekBar
            android:id="@+id/seekbar"
            android:layout_width="match_parent"
            android:padding="15dp"
            android:layout_height="wrap_content" />

    </LinearLayout>

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

4. Bukalah MainActivity.ky

MainActivity.kt
package com.example.colorpicker import androidx.appcompat.app.AppCompatActivity import android.os.Bundle

```kotlin
import android.widget.SeekBar
import android.widget.TextView
import kotlinx.android.synthetic.main.activity_main.*

class MainActivity : AppCompatActivity(), SeekBar.OnSeekBarChangeListener {

    private var progressView: TextView? = null
    private var seekbarStatusView: TextView? = null
    private var seekbarView: SeekBar? = null


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

        progressView = this.progress
        seekbarStatusView = this.seekbarStatus
        seekbarView = this.seekbar
        seekbarView!!.setOnSeekBarChangeListener(this)
    }

    override fun onProgressChanged(seekBar: SeekBar, progress: Int, fromUser: Boolean)
{

        progressView!!.text = progress.toString()
        seekbarStatusView!!.text = "Mendeteksi Sentuhan"
    }

    override fun onStartTrackingTouch(seekBar: SeekBar) {
        seekbarStatusView!!.text = "Memulai Deteksi"
    }

    override fun onStopTrackingTouch(seekBar: SeekBar) {
        seekbarStatusView!!.text = "Berhenti Deteksi"
    }
}
```

5. Kompile Program