**Praktikum 9**

**SeekBar**

1. Buatlah proyek baru dengan Android Studio

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2. Pilih Empty Activity untuk memulai aplikasi baru

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3. Bukalah file activity main lalu edit

| <?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">   <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> |
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4. Bukalah MainActivity.ky

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