Practical - 21 : Write a program to demonstrate use of SeekBar.

Activity\_main.xml

*<?*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">  
<SeekBar  
 android:id="@+id/seekBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="372dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</androidx.constraintlayout.widget.ConstraintLayout>

MainActivity.java

package com.example.seekbar;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.SeekBar;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 SeekBar seekBar;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 seekBar=(SeekBar)findViewById(R.id.*seekBar*);  
 seekBar.setOnSeekBarChangeListener(new SeekBar.OnSeekBarChangeListener() {  
 @Override  
 public void onProgressChanged(SeekBar seekBar, int progress,  
 boolean fromUser) {  
 Toast.*makeText*(getApplicationContext(),"seekbar progress: "+progress, Toast.*LENGTH\_SHORT*).show();  
 }  
  
 @Override  
 public void onStartTrackingTouch(SeekBar seekBar) {  
 Toast.*makeText*(getApplicationContext(),"seekbar touch started!", Toast.*LENGTH\_SHORT*).show();  
 }  
  
 @Override  
 public void onStopTrackingTouch(SeekBar seekBar) {  
 Toast.*makeText*(getApplicationContext(),"seekbar touch stopped!", Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
}

Output:

