

# SeekBar

- A **SeekBar** is an extension of **ProgressBar** that adds a draggable thumb.
- The user can touch the thumb and drag left or right to set the current progress level of song, file download etc. or use the arrow keys.
- Clients of the **SeekBar** can attach a **SeekBar.OnSeekBarChangeListener** to be notified of the user's actions.

- **Write an application to increase font size using seekbar**

## activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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"
    android:orientation="vertical"
    android:layout_margin="20dp"
    tools:context=".MainActivity">
    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="SeekBar"
        android:layout_margin="10dp"
        tools:layout_editor_absoluteX="123dp"
        tools:layout_editor_absoluteY="111dp" />
    <SeekBar
        android:id="@+id/seekBar"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:max="100"
        android:min="0" />
</LinearLayout>
```

# MainActivity.java

```
package com.example.seekbar;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.SeekBar;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    TextView tv;
    SeekBar sb;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        tv=findViewById(R.id.textview);
        sb=findViewById(R.id.seekBaar);
        sb.setOnSeekBarChangeListener(new SeekBar.OnSeekBarChangeListener() {
            @Override
            public void onProgressChanged(SeekBar seekBar, int i, boolean b) {
                tv.setTextSize(i);
            }
            @Override
            public void onStartTrackingTouch(SeekBar seekBar) {
            }

            @Override
            public void onStopTrackingTouch(SeekBar seekBar) {
            }
        });
    }
}
```