

## Progress Bar

**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="318dp"
        android:layout_height="45dp"
        android:max="100"
        android:progress="0"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.202" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

**MainActivity.java:-**

```
package com.durgesh.progress;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.os.Bundle;
```

```
import android.widget.SeekBar;
```

```
import android.widget.Toast;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    SeekBar seekBar;
```

```
    int progress=0;
```

```
    @Override
```

```
    protected void onCreate(Bundle savedInstanceState) {
```

```
        super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        seekBar=findViewById(R.id.seekBar);
```

```
        seekBar.setOnSeekBarChangeListener(new SeekBar.OnSeekBarChangeListener() {
```

```
            @Override
```

```
            public void onProgressChanged(SeekBar seekBar, int i, boolean b) {
```

```
                progress=i;
```

```
            }
```

```
            @Override
```

```
            public void onStartTrackingTouch(SeekBar seekBar) {
```

```
            }
```

```
            @Override
```

```
public void onStopTrackingTouch(SeekBar seekBar) {  
    Toast.makeText(getApplicationContext(), "Progress is "+progress,  
    Toast.LENGTH_LONG).show();  
}  
});  
}  
}
```

output:-

