


activity_main.xml

MainActivity.java

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







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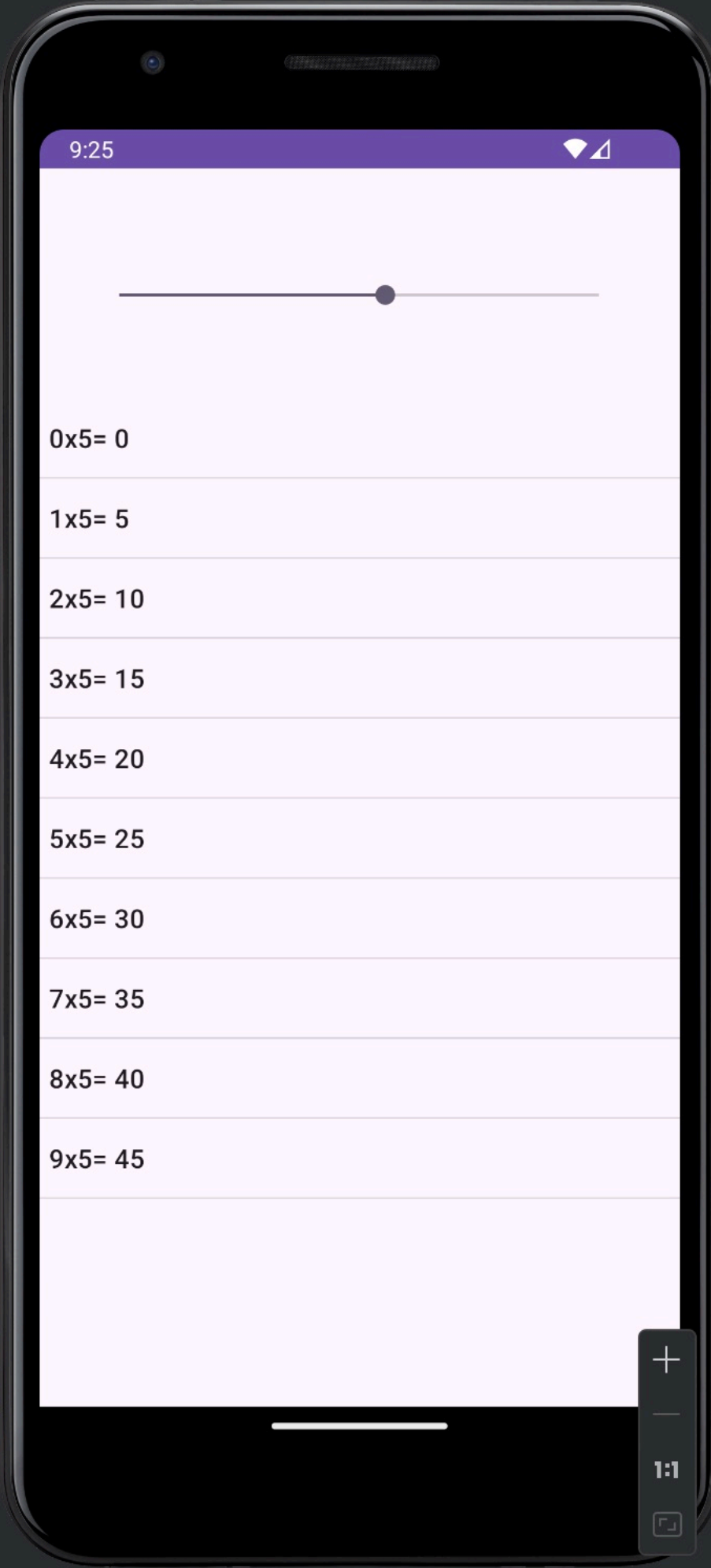
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



```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.activity_main);  
  
    seekBar = findViewById(R.id.seekBar);  
    listView = findViewById(R.id.listView);  
    data = new String[10];  
  
    seekBar.setOnSeekBarChangeListener(new SeekBar.OnSeekBarChangeListener() {  
        @Override  
        public void onProgressChanged(SeekBar seekBar, int progress, boolean fromUser) {  
            // Update data array based on seekBar progress  
            for (int i = 0; i < data.length; i++) {  
                data[i] = ( i + "x" + progress + " = " + (i*progress) );  
            }  
  
            updateListView(data);  
        }  
  
        @Override  
        public void onStartTrackingTouch(SeekBar seekBar) {  
            // Not used in this example  
        }  
  
        @Override  
        public void onStopTrackingTouch(SeekBar seekBar) {  
            // Not used in this example  
        }  
    });  
}  
  
1 usage  
private void updateListView(String[] newData) {  
    // Create ArrayAdapter  
    adapter = new ArrayAdapter<>( context: this, android.R.layout.simple_list_item_1, newData);  
    // Set ArrayAdapter to ListView  
    listView.setAdapter(adapter);  
}
```

Running Devices

Pixel 3a API 34 ...64-...









activity_main.xml MainActivity.java



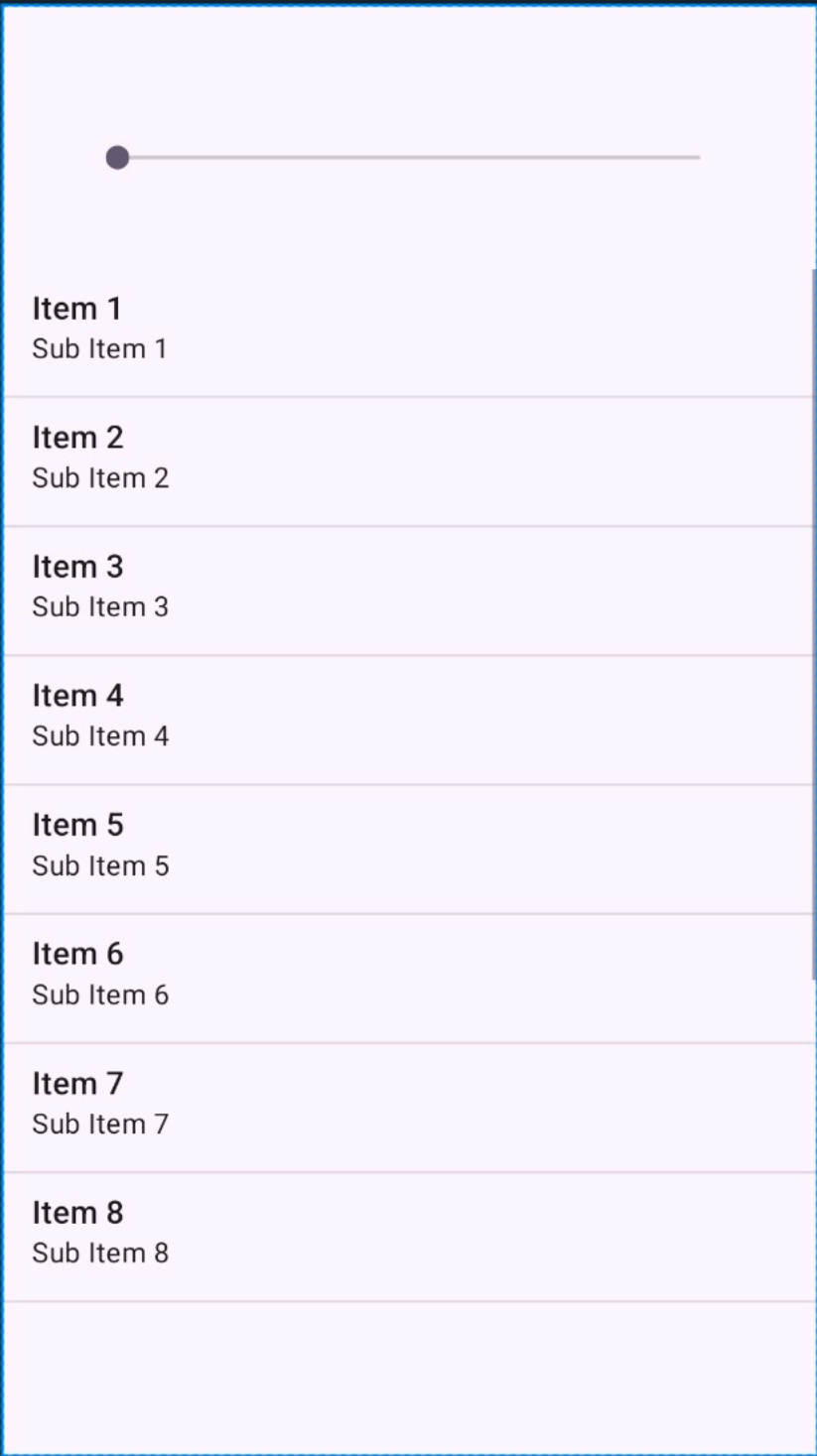
```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res-auto"
3   xmlns:app="http://schemas.android.com/apk/res-auto"
4   xmlns:tools="http://schemas.android.com/tools"
5   android:layout_width="match_parent"
6   android:layout_height="match_parent"
7   tools:context=".MainActivity">
8
9   <SeekBar
10     android:id="@+id/seekBar"
11     android:layout_width="326dp"
12     android:layout_height="59dp"
13     android:layout_marginTop="48dp"
14     android:max="9"
15     app:layout_constraintEnd_toEndOf="parent"
16     app:layout_constraintHorizontal_bias="0.494"
17     app:layout_constraintStart_toStartOf="parent"
18     app:layout_constraintTop_toTopOf="parent" />
19
20   <ListView
21     android:layout_width="414dp"
22     android:layout_height="529dp"
23     android:id="@+id/listView"
24     app:layout_constraintBottom_toBottomOf="parent"
25     app:layout_constraintEnd_toEndOf="parent"
26     app:layout_constraintStart_toStartOf="parent"
27     app:layout_constraintTop_toBottomOf="@+id/seekBar"
28     app:layout_constraintVertical_bias="0.276" />
29
30
31 </androidx.constraintlayout.widget.ConstraintLayout>
```

Palette

activity_main.xml



Component Tree



androidx.constraintlayout.widget.ConstraintLayout