JAVA CODE

**package** e.pallavidash.dictionary;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.AdapterView;  
**import** android.widget.ArrayAdapter;  
**import** android.widget.ListView;  
  
**import** java.util.ArrayList;  
**import** java.util.HashMap;  
**import** java.util.Map;  
**import** java.util.TreeMap;  
  
**import** stanford.androidlib.SimpleActivity;  
  
**public class** MainActivity **extends** SimpleActivity {  
  
 **private static final** String[] ***WORDS*** = {  
 **"ICICI BANK"**, **"8.5%"**,  
 **"SBI"**, **"8.0%"**,  
 **"HDFC"**, **"7.5%"**

};  
 **private** Map<String,String> **DICTIONARY**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **DICTIONARY** = **new** HashMap<>();  
 **for**(**int** i=0;i<***WORDS***.**length**;i += 2)  
 {  
 **DICTIONARY**.put(***WORDS***[i],***WORDS***[i+1]);  
  
 }  
  
 ListView list = (ListView) findViewById(R.id.***word\_list***);  
 ArrayAdapter<String> adapter = **new** ArrayAdapter<>( **this**,android.R.layout.***simple\_list\_item\_1***,**new** ArrayList<String>(**DICTIONARY**.keySet()));  
 list.setAdapter(adapter);  
 list.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> parent, View view, **int** position, **long** id) {  
  
 String word = parent.getItemAtPosition(position).toString();  
 String defn = **DICTIONARY**.get(word);  
 toast(defn);  
  
 }  
 });  
  
  
  
  
 }  
}

XML CODES

*<?***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"  
 android:orientation="vertical"  
 android:layout\_gravity="top|center"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity"**>  
  
  
 <**TextView  
 android:text="DICTIONARY AWESOME"  
 android:textSize="28sp"  
 android:layout\_gravity="top|center"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"** />  
 <**ListView  
 android:id="@+id/word\_list"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"**/>  
  
 </**LinearLayout**>

STRING CODES < strings.xml>

<**resources**>  
 <**string name="app\_name"**>DICTIONARY</**string**>  
 <**string-array name="words"**>  
  
 </**string-array**>  
  
</**resources**>