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Appendices

9.1   Appendix A – Sample of Coding

```java
public class Locations extends Activity {

    GoogleMap map;

    // Hashmap for ListView
    ArrayList<HashMap<String, String>> locationList;

    @TargetApi(Build.VERSION_CODES.HONEYCOMB)
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.view_listitems);

        WebView engine = (WebView) findViewById(R.id.web_engine);
        engine.setWebViewClient(new WebViewClient());
        engine.getSettings().setJavaScriptEnabled(true);
        // engine.loadUrl("https://www.google.com");
        engine.loadUrl("http://www.poornabiz.com/Webservices/index.html");

    }

}
```

Figure 9.1Web Servises Colling Class

```java
public SoundLevelView(Context context, AttributeSet attrs) {
        super(context, attrs);

        mGreen   = context.getResources().getDrawable(
                R.drawable.greenbar);
        mRed     = context.getResources().getDrawable(
                R.drawable.redbar);

        mWidth  = mGreen.getIntrinsicWidth();
        setMinimumWidth(mWidth*10);

        mHeight = mGreen.getIntrinsicHeight();
        setMinimumHeight(mHeight);

        //Used to paint canvas background color
        mBackgroundPaint = new Paint();
        mBackgroundPaint.setColor(Color.BLACK);
}
```

```java
public void setLevel(int volume, int threshold) {
        if (volume == mVol && threshold == mThreshold) return;
        mVol = volume;
        mThreshold = threshold;

        // invalidate Call on the method and redraw points
        invalidate();
}

@Override
public void onDraw(Canvas canvas) {

        canvas.drawPaint(mBackgroundPaint);

        for (int i=0; i<= mVol; i++) {
                Drawable bar;
                if (i<mThreshold)
                        bar = mGreen;
                else
                        bar = mRed;

                bar.setBounds((10-i)*mWidth, 0, (10-i+1)*mWidth, mHeight); //
                bar.draw(canvas);
        }
}
}
```

Figure 9.2sound Level meater