ACTIVITY_MAIN.XML:

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
   xmlns:tools="http://schemas.android.com/tools"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:paddingBottom="@dimen/activity_vertical_margin"
        android:paddingLeft="@dimen/activity_horizontal_margin"
        android:paddingRight="@dimen/activity_horizontal_margin"
        android:paddingTop="@dimen/activity_vertical_margin"
        tools:context=".MainActivity">

<Button
   android:id="@+id/button1"
   android:layout_width="wrap_content"
   android:layout_height="wrap_content"
   android:layout_alignParentBottom="true"
   android:layout_centerHorizontal="true"
   android:layout_marginBottom="131dp"
   android:text="NOTIFY!" />

<TextView
   android:id="@+id/textView1"
   android:layout_width="wrap_content"
   android:layout_height="wrap_content"
   android:layout_alignParentTop="true"
   android:layout_centerHorizontal="true"
   android:layout_marginTop="94dp"
   android:text="NOTIFICATIONS" />

</RelativeLayout>
```

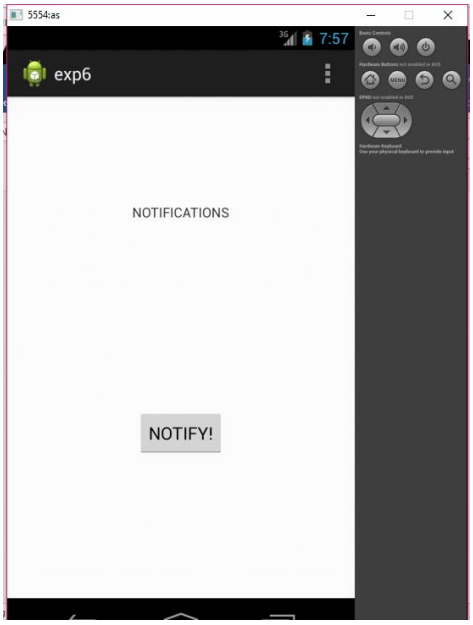
MAINACTIVITY.JAVA:

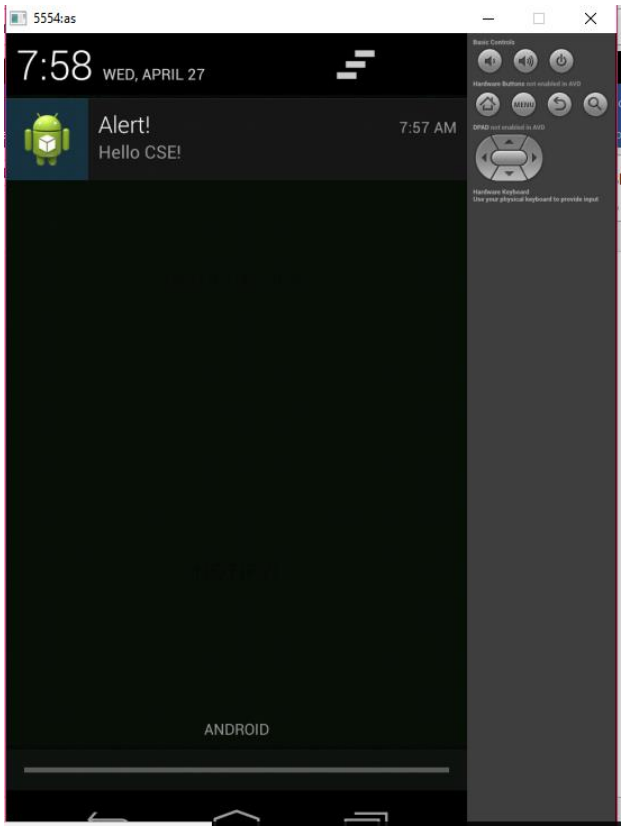
```
package com.example.exp6;


import android.os.Bundle;
import android.app.Activity;
import android.app.NotificationManager;
import android.view.Menu;
import android.content.Context;
import android.support.v4.app.NotificationCompat;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
public class MainActivity extends Activity implements OnClickListener {
        Button btn;
   @Override
   protected void onCreate(Bundle savedInstanceState) {
      super.onCreate(savedInstanceState);
      setContentView(R.layout.activity_main);
      btn=(Button)findViewById(R.id.button1);
      btn.setOnClickListener(this);
}
      @Override
      public void onClick(View arg0) {
      NotificationManager m = (NotificationManager)
getSystemService(Context.NOTIFICATION_SERVICE);
      NotificationCompat.Builder nc = new NotificationCompat.Builder(this);
      nc.setSmallIcon(R.drawable.ic_launcher);
                nc.setContentTitle("Alert!");
                nc.setContentText("Hello CSE!");
         m.notify(001,nc.build());
```

```
    }
  @Override
  public boolean onCreateOptionsMenu(Menu menu) {
    // Inflate the menu; this adds items to the action bar if it is present.
    getMenuInflater().inflate(R.menu.main, menu);
    return true;
  }
}
```

OUTPUT:




5554:as
7:58 WED, APRIL 27
Alert!
Hello CSE!
7:57 AM
ANDROID