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Assignment No: Elective 2- C2 (Group B)

Assignment Name: Write a mobile app using Scala/ Python/ C++/ Android using Eclipse to beep the mobile speaker for three incorrect attempts of the password.

Class: BE Div: B

Roll No: 63 Batch: B-4

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**MainActivity.java**

package com.example.beep;

import android.app.Activity;

import android.media.MediaPlayer;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class MainActivity extends Activity {

public static String pass = "geet";

EditText et;

public int count = 0;

MediaPlayer mp;

Button submit, unhide;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

et = (EditText) findViewById(R.id.etPass);

submit = (Button) findViewById(R.id.btSubmit);

mp = MediaPlayer.create(MainActivity.this, R.raw.beep);

unhide = (Button) findViewById(R.id.btShow);

unhide.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// TODO Auto-generated method stub

et.setInputType(144);

}

});

submit.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

// TODO Auto-generated method stub

if(et.getText().toString().contentEquals(pass))

{

Toast.makeText(MainActivity.this, "Password Accepted", Toast.LENGTH\_SHORT).show();

}

else

{

count++;

if(count >= 3){

Toast.makeText(MainActivity.this, "Incorrect Password Entered Thrice", Toast.LENGTH\_SHORT).show();

submit.setEnabled(false);

mp.start();

}

}

}

});

}

@Override

protected void onPause() {

// TODO Auto-generated method stub

super.onPause();

mp.stop();

mp.release();

}

}

**AndroidManifest.xml**

<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package="com.example.beep"

android:versionCode="1"

android:versionName="1.0" >

<uses-sdk

android:minSdkVersion="18"

android:targetSdkVersion="18" />

<application

android:allowBackup="true"

android:icon="@drawable/ic\_launcher"

android:label="@string/app\_name"

android:theme="@style/AppTheme" >

<activity

android:name=".MainActivity"

android:label="@string/app\_name" >

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

</application>

</manifest>

s

**activity\_main.xml**

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:orientation="vertical"

android:layout\_height="match\_parent"

android:gravity="center\_horizontal">

<LinearLayout

android:id="@+id/ll1"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:weightSum="100"

android:orientation="horizontal">

<EditText android:layout\_height="wrap\_content"

android:layout\_width="fill\_parent"

android:id="@+id/etPass"

android:hint="@string/hint"

android:layout\_weight="30"

android:inputType="textPassword" />

<Button android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:layout\_weight="70"

android:id="@+id/btShow"

android:text="@string/unhide"/>

</LinearLayout>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/btSubmit"

android:text="@string/submit"/>

</LinearLayout>