Assignment 1 Use Cases Wireless Software. Ford Luttrell

Choose to convert from C to F or from F to C.

Touch the application you want by picking Temp Converter

Convert to C \_\_23.8888\_\_\_\_\_\_\_\_\_\_\_\_

Then press convert and the application will calculate the conversion

Convert

Convert to F \_\_\_75\_\_\_\_\_\_\_\_\_\_\_

Convert to F \_\_\_75\_\_\_\_\_\_\_\_\_\_\_

Convert to C \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Convert

Enter degree to be converted

Convert

Convert to F \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Convert to C \_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Weather |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
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|  | public class MainActivity extends AppCompatActivity { |
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|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |

|  |  |
| --- | --- |
| Temp Converter |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |

|  |  |
| --- | --- |
| Text |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
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|  |  |
|  | @Override |
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|  | setContentView(R.layout.activity\_main); |
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|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |

|  |  |
| --- | --- |
| Safari |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |

|  |  |
| --- | --- |
| Settings |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |

|  |  |
| --- | --- |
| Games |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |
| package com.example.tempconvert; |
|  |  |
|  | import androidx.appcompat.app.AppCompatActivity; |
|  |  |
|  | import android.os.Bundle; |
|  | import android.util.Log; |
|  | import android.view.View; |
|  | import android.widget.Button; |
|  | import android.widget.EditText; |
|  | import android.widget.Toast; |
|  |  |
|  | public class MainActivity extends AppCompatActivity { |
|  | EditText txtF, txtC; |
|  | Button btnConvertF2C,btnConvertC2F; |
|  |  |
|  | @Override |
|  | protected void onCreate(Bundle savedInstanceState) { |
|  | super.onCreate(savedInstanceState); |
|  | setContentView(R.layout.activity\_main); |
|  |  |
|  | txtF = findViewById(R.id.txtF); |
|  | txtC = findViewById(R.id.txtC); |
|  |  |
|  | btnConvertF2C = findViewById(R.id.btnConvertF2C); |
|  | btnConvertC2F = findViewById(R.id.btnConvertC2F); |
|  |  |
|  | btnConvertF2C.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strF = txtF.getText().toString(); |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | if (strF.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtF is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valF = 32.0; |
|  | try { |
|  | valF = Double.parseDouble(strF); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtF is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for F degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valC = (valF - 32)\*5/9; |
|  |  |
|  | String strC = Double.toString(valC); |
|  |  |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | txtC.setText(strC); |
|  | } |
|  | }); |
|  |  |
|  | btnConvertC2F.setOnClickListener(new View.OnClickListener() { |
|  | @Override |
|  | public void onClick(View v) { |
|  | String strC = txtC.getText().toString(); |
|  | Log.i("Info", "String of txtC = " + strC); |
|  |  |
|  | if (strC.length() == 0) { |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is empty!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | Log.e("Error", "String of txtC is empty!"); |
|  | return; |
|  | } |
|  |  |
|  | double valC = 32.0; |
|  | try { |
|  | valC = Double.parseDouble(strC); |
|  | } catch (Exception ex) { |
|  | ex.printStackTrace(); |
|  | Log.e("Error", "String of txtC is not parsable!"); |
|  | Toast.makeText(v.getContext(), |
|  | "ERROR: Input value for C degree is invalid!!!", |
|  | Toast.LENGTH\_LONG).show(); |
|  | return; |
|  | } |
|  |  |
|  | double valF = (valC \* 9/5 + 32); |
|  |  |
|  | String strF = Double.toString(valF); |
|  |  |
|  | Log.i("Info", "String of txtF = " + strF); |
|  |  |
|  | txtF.setText(strF); |
|  | } |
|  | }); |
|  |  |
|  | } |
|  | } |

