

Volume of a tank and length of all edges



```

public class MainActivity extends Activity {
    int height,width, length, vol, perimeter;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final EditText etLength =(EditText)findViewById(R.id.etLength);
        final EditText etHeight =(EditText)findViewById(R.id.etHeight);
        final EditText etWidth =(EditText)findViewById(R.id.etWidth);

        Button btnVol = (Button)findViewById(R.id.btnVol);
        Button btnPerimeter =(Button)findViewById(R.id.btnPerimeter);

        btnVol.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                TextView tvVol=(TextView)findViewById(R.id.tvVol);
                length = Integer.parseInt(etLength.getText().toString());
                height = Integer.parseInt(etHeight.getText().toString());
                width = Integer.parseInt(etWidth.getText().toString());
                vol = length * height * width ;
                tvVol.setText(Integer.toString(vol));
                Context context = getApplicationContext();
                Toast toast = Toast.makeText(context, "Volume calculated", Toast.LENGTH_LONG);
                toast.show();
            }
        });

        btnPerimeter.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                TextView tvPerimeter=(TextView)findViewById(R.id.tvPerimeter);
                length = Integer.parseInt(etLength.getText().toString());
                height = Integer.parseInt(etHeight.getText().toString());
                width = Integer.parseInt(etWidth.getText().toString());
                perimeter = (4*length) * (4* height) * (4*width) ;
                tvPerimeter.setText(Integer.toString(perimeter));
                Context context = getApplicationContext();
                Toast toast = Toast.makeText(context, "Perimeter calculated", Toast.LENGTH_LONG);
                toast.show();
            }
        });
    }
}

```