

Mobile application development(CSE 3075)

Experiment 2: Body Mass Index Calculator

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5CSE4

1.Design(XML File)

```
android:layout height="match parent"
```

```
android:layout height="wrap content"
       app:layout constraintTop toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```



2.Code(JAVA File)

```
package com.example.myapplicationbmi;
import androidx.appcompat.app.AppCompatActivity;
import android.annotation.SuppressLint;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.RadioGroup;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    EditText editTextText;
    EditText editTextText2;
    Button button;
    Button button2;
    //RadioGroup rb1;
    TextView tv;
    Double wt, ht, h, bmi;
```

```
editTextText = findViewById(R.id.editTextText);
editTextText2= findViewById(R.id.editTextText2);
                   tv.setText("BMI: " + Double.toString(bmi));
Double.toString(bmi));
                        tv.setText("Underweight!BMI= " + Double.toString(bmi));
                        tv.setText("Healthy:)"+"BMI= " + Double.toString(bmi));
```

3. Output in the Emulator







