

## CSE4086

### Homework#1:

#### BMI Calculator

**Due Date: 18.10.2018**

Create a BMI calculator app that allows users to enter their weight and height and whether they are entering these values, then calculates and displays the user's body mass index. The app should also display the following information from the Department of Health and Human Services/National Institutes of Health so the user can evaluate his/her BMI:

$$\text{BMI} = \text{weight} / (\text{height} * \text{height})$$

where is in kilograms and height is in meters.

#### BMI VALUES

Underweight: less than 18.5  
Normal: between 18.5 and 24.9  
Overweight: between 25 and 29.9  
Obese: 30 or greater

- 1) You are expected to use *TextView*, *EditText* and *Button*.
- 2) weight and height should be *double*.
- 3) You are expected to show only one digit after decimal point for BMI.
- 4) You are expected to show the result in a *new activity*.

**Important note (For all homeworks in this course): Your app should work a device having Android 4.1 version.**