STW300CEM Android Applications Development
2nd Assignment
Deadline : 12 April 2019

1. Create an android app to calculate the **Body Mass Index(BMI)** using the below mentioned formula.
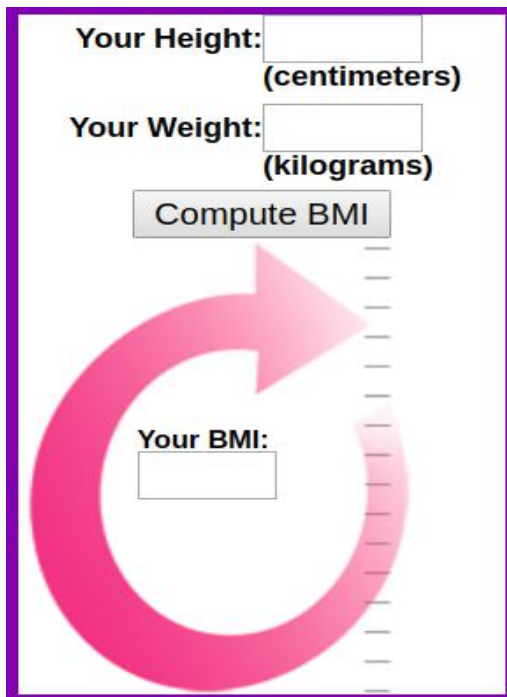
BMI = kg/m^2

Where kg is a person's weight in kilograms and m^2 is their height in meters squared.

Refer the following BMI category in order to display the result of BMI.

BMI Categories :

        Underweight   : <18.5
        Normal Weight   : 18.5 to 24.9
        Overweight   : 25-29.9
        Obesity   : BMI of 30 or greater

Display the **BMI Category** using **Toast**.

2. Create an app to convert the numbers in figure (up to **3 digits**) to words.

e.g   1 = One
     100 =One Hundred
     901 = Nine Hundred and One

For this app choose your own design.

3. Create an app to calculate the tax amount. Take monthly salary from the user and calculate the tax amount if yearly salary is :
   a) 1 to 2,00,000 tax is 1%
   b) 200,000 to 350,000 tax is 1% of first 200,000+15% of remaining salary
   c) 350,000 to above tax is 1% of first 200,000 + 15% of next 150,000 + 25% of remaining salary

For this app choose your own design.

4. Create an app whose design is shown below. Make use of Style.xml for the design and add scroll view for the output textview to scroll down the output.

NOTE :

Make use of class and object in every question.

Upload all the four projects in GitHub and add screen-shots of the project output and code in word file .Add GitHub link for every answer in the word file. Before uploading to moodle convert doc file into .pdf file.