**VIT-AP UNIVERSITY, ANDHRA PRADESH**

**CSE2047 – Data Analytics - Lab Sheet : 3**

**Academic year:** 2020-2021  **Branch/ Class:** B.Tech/M.Tech

**Semester:** Fall  **Date:**

**Faculty Name:** Prof. S.Gopikrishnan  **School:** SCOPE

**Student name: Reg. no.:**

**LAB 3**

**Questions:**

1. Find out mean of all columns of BMI dataset using for loop.
2. Create two vectors - height and weight of 20 students and convert it to a matrix
3. Convert matrix into data frame and find the weight of 12th student
4. Categorize high and low based on bmi factor using if condition
5. Using switch case categorize into  
    Category  
    BMI range - weight/height  
    Severe Thinness < 16  
    Moderate Thinness 16 - 17  
    Mild Thinness 17 - 18.5  
    Normal 18.5 - 25  
    Overweight 25 - 30  
    Obese Class I 30 - 35  
    Obese Class II 35 - 40  
    Obese Class III > 40