



MINIPROJECT

ELECTRICAL ENGINEERING COMPUTING

ECE123

SEMESTER DEC 2010 – APRIL 2011

The Objective:

To calculate the BMI of 3 users by mean of MATLAB Programming as summarized in the flowchart shown in Figure 1. The program should produce an output as shown in Figure 2.

In the MATLAB programming:

You may use the following statements to complete this miniproject:

- input
- if....else
- for ,while
- display,disp
- fprintf ('BMI = %5.2f \n',BMI);

In the Miniproject report (Do not forget the PAGE NUMBERING and the COVER PAGE):

- **Introduction:**
Describe what the program does in detail.
- **Result:**
Include the MATLAB M-file.
Include some output samples.
- **Discussion:**
In the discussion:
 - State the disadvantage(s) of this system
 - Suggest any improvements

NO.	GROUP MEMBERS

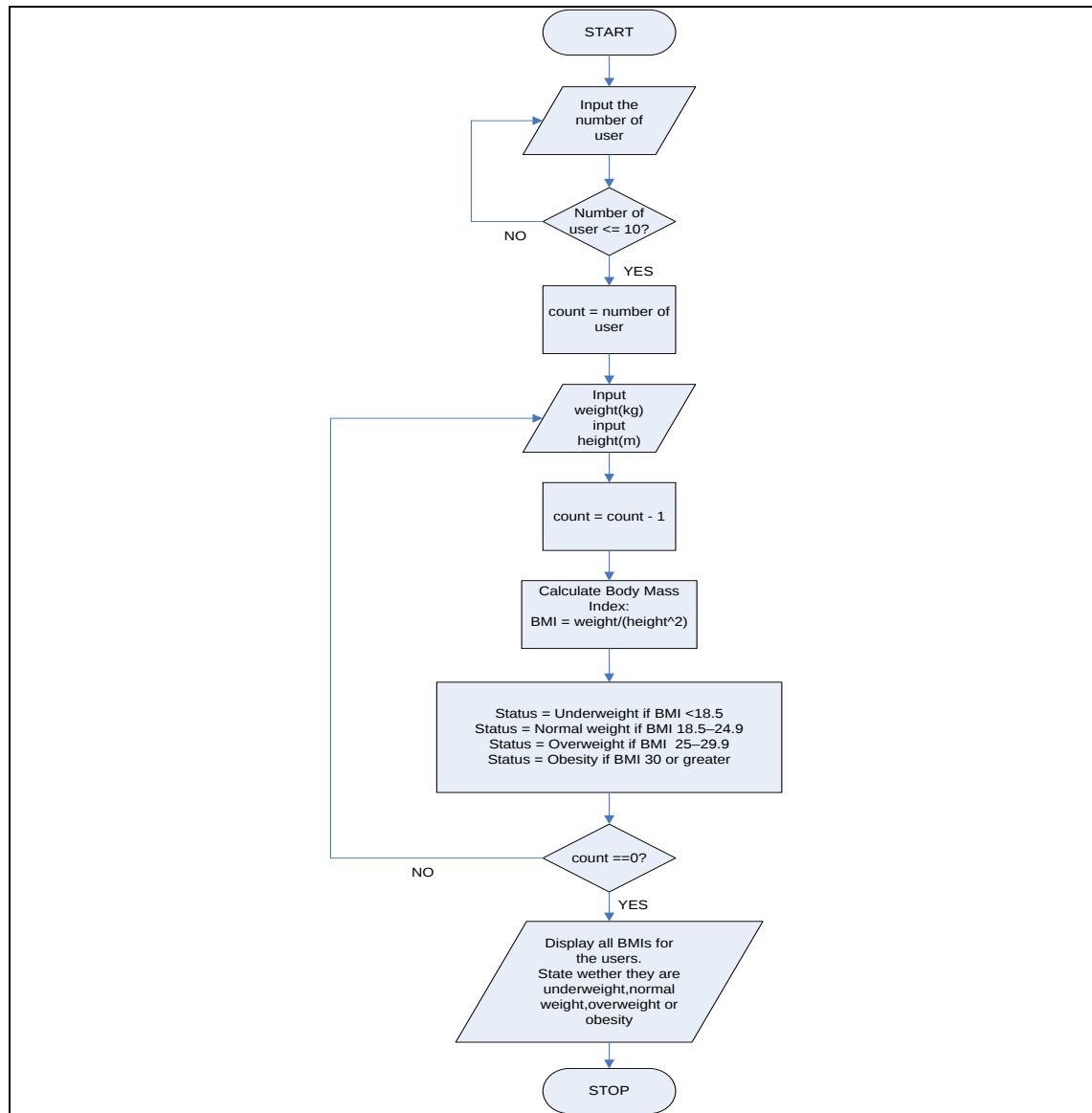


Figure 1: The flowchart

LIST OF BMIs NUMBER OF USER : 5		
USER	BMI	STATUS
1	18.5	Underweight
2	20	Normal weight
3	35	Overweight
4	23	Normal weight
5	27	Overweight

Figure 2: Sample output