PRACTICUM BASIC PROGRAMMING
MIDDLE SEMESTER EXAM
TIME : 75 minutes

Notice!
1. **Middle exam processing time starts at 01.00 PM to 2.15 PM**
2. **The answer upload time on the LMS is 2.15 PM to 02.35 PM, if before that hour it is finished, it can be uploaded directly to the LMS.**
3. **Uploaded in the LMS are (1) documents in the form of .pdf (SS program code and output of the program in CMD per question) and (2) program code .java files - per question, which are made into 1 folder with the student's full name then in zip/rar. The zip/rar files are uploaded to the LMS, if they can't be zipped/rar they can be uploaded one by one to the LMS.**

Question:
1. Make a program to calculate the Final Score which is calculated from daily scores, middle exam, final exam, and Quiz. The composition of final scoreis 25% daily scores, 30% middle exam, 40% final exam, and 5% Quiz. Where daily scores, middle exam, final exam, and Quiz are input from the keyboard **(25 points).**
2. Modify program no. 1 to calculate the student's completeness score which consists of daily scores, middle exam, final exam, and Quiz. The graduation requirements of a course are at least 55 final exam or midlle exam and final exam scores get 100 then pass, otherwise it is declared not to pass. For students who pass, they will enter the field of expertise based on the final score, which if the final exam is less than 70 but all scores are above 65 then enter the Software Engineering major, the final exam score is at least 70 and daily scores and quiz scores are more than 70 then enter the multimedia major, in addition to it will enter the Information System. **(50 points)**
3. Modify the program in question no 2, where at the beginning of the program there is an order to enter the number of students whose completeness will be calculated, then the number of students who are inputted determines the number of subsequent inputs for their values. (ex: inputting the number of students is 4, then all good grades are inputted [daily, middle exam, final exam, quiz] and the final exam is also calculated 4 times). **(25 points)**