PROGRAMMING EXERCISE

1. Revise sample program number 2 (from the lecture) to display the output below:

COLLEGE OF COMPUTER AND INFORMATION SCIENCE
STUDENT POPULATION

YEAR	BSIT	BSCS	TOTAL NUMBER OF STUDENTS
FRESHMEN	99	99	999
SOPHOMORE	99	99	999
JUNIOR	99	99	999
SENIOR	99	99	999
TOTAL	999	999	999

Requirements:

1. Enter the number of students per year level and per course.
2. Compute for the total number of students per year level (i.e. for both BSIT and BSCS).
3. Compute for the total number of BSIT students (i.e for all year levels) and BSCS students (i.e for all year levels) and total number of students (i.e for all year levels).

2. Create a COBOL program to enter the following input record format in two input files. You may create the input files externally or within the program.

STUDENT NUMBER - 10 characters
STUDENT NAME - 25 characters
QUIZ #1 - 9V99
QUIZ #2 - 9V99
QUIZ #3 - 9V99

Merge the two files with STUDENT NAME arranged alphabetically. Then, use the merged output file to compute for the average of the 3 quizzes. Save it in an output file including the average grade computed. Finally, sort the output file with the average grade arranged from highest to lowest grade and student name arranged alphabetically. Produce the output layout below.

OUTPUT LAYOUT:

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
QUEZON CITY CAMPUS
BSIT 2-1 & BSIT 2-2

QUIZ SUMMARY

STUDENT NUMBER	STUDENT NAME	QUIZ#1	QUIZ#2	QUIZ#3	AVERAGE
2020-1-CM0	JUAN DELA CRUZ	1.50	1.00	1.75	1.42
……					
PER QUIZ AVERAGE		9V99	9V99	9V99	9V99
HIGHEST GRADE PER QUIZ		9V99	9V99	9V99	
LOWEST GRADE PER QUIZ		9V99	9V99	9V99	
HIGHEST GRADE AVERAGE					9V99
LOWEST GRADE AVERAGE					9V99