**Programming Language – II**

**Project-3**

**Due Date: 29/04/2022 23:59**

**Text File Processing**

We have a text file names as **“Grades.csv”** whose content is as follows (and attached in the Project)

Index;StdNo;Name;Surname;Class;Midterm;Project;Final

1;210408003;MUHAMMED;SAVAS;1;84;80;82

2;210408007;ALI UGUR;GUMUSLU;1;50;95;82

3;210408011;ZEYNEP;ESKI;1;40;80;70

4;210408018;SEMA;SER€E;1;36;90;66

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1. By using this file You need to write a Java program to generate the following file which adds **“Average”** and **“Letter”** grade values to the file named as **“Letter.csv”**

(30 Percent of Midterm, 30 Percent of Project and, 40 Percent of Final should be taken for calculating the Average)

Index;StdNo;Name;Surname;Average;Letter

1;210408003;MUHAMMED;SAVAS;82;BB

2;210408007;ALI UGUR;GUMUSLU;76,3;BB

3;210408011;ZEYNEP;ESKI;64;CC

4;210408018;SEMA;SER€E;64,2;CC

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a) Letter Grades

Letter             Over 4               Grade

AA                    4,00                  90-100

BA                    3,50                  85-89

BB                    3,00                  75-84

CB                    2,50                  70-74

CC                    2,00                  60-69

DC                    1,50                  55-59

DD                    1,00                  50-54

FF                      0,00                  0-49

1. and then please generate same text file as ordered form **(according to average grade from greatest to lowest)”** as follows into file **“Ordered.csv”**

Index;StdNo;Name;Surname;Average;Letter

8;210408044;MAHMUT ALPEREN;€AVUS;95,3;AA

10;210408908;ALI;DAGHIGHI;94,5;AA

13;210408916;RAGHAD;ABUSNAYMA;89,4;BA

9;210408902;BEHNAM;LAL MOGHADDAM;87,7;BA

14;210408919;MAYA;ALTELL;84;BB

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