



COMSATS UNIVERSITY ISLAMABAD, ISLAMABAD
CAMPUS
DEPARTMENT OF COMPUTER SCIENCE
LAB ASSIGNMENT #4
FALL 2021

Answer to all questions must be submitted in MS Word.

Answer to all questions should begin on new page.

Assignment document must contain a title page showing LAB Assignment-4, your name and registration number.

Assignment document must also contain JAVA source code (For JAVA Programming Questions) along with output.

Solution to JAVA Programming problems must be created in separate .java file (for each question). For example, Question1.java

You must follow proper JAVA naming convention for identifiers and properly document your source code.

Combine all your work in one folder. The folder must contain .JAVA source files (for JAVA Programming Questions) and a pdf file.

Name of the Assignment document file should be your Registration Number. E.g.

FA21BCS01.pdf

Submit your work via MS Teams

QUESTION #1 (CLO-3)

Write a Java program to keep accepting names and marks of students from user until a negative number is entered against marks. Save this data in a text file having name 'students.txt'.

QUESTION #2 (CLO-3)

Write another program to read all the data from the file 'students.txt' created in Q1 above. Display this data in descending order according to their marks.

QUESTION #3 (CLO-3)

Suppose the weekly hours for all employees are stored in a two-dimensional array. Each row records an employee's seven-day work hours with seven columns. For example, the following array stores the work hours for eight employees. Write a program that displays employees and their total hours.

	Su	M	T	W	Th	F	Sa
Employee 0	2	4	3	4	5	8	8
Employee 1	7	3	4	3	3	4	4
Employee 2	3	3	4	3	3	2	2
Employee 3	9	3	4	7	3	4	1
Employee 4	3	5	4	3	6	3	8
Employee 5	3	4	4	6	3	4	4
Employee 6	3	7	4	8	3	8	4
Employee 7	6	3	5	9	2	7	9