Practice 22 – SE-DS File + Nested Loop

Task 01: Read file marks.txt (already shared in last revision class). Find and print the student with minimum average and maximum average.

Task 02: Read file marks.txt (already shared in last revision class). Create another file "marks1.txt". Read marks and write in file by writing marks of each class in a single line. File output should be like:

3
4
25 78 36 64
3
66 79 58
2
75 64

Task 03: Write code to create a file similar to marks.txt. The file should contain marks of 5 classes. Each class has marks of 7 to 10 students and each student has marks 0-100 at random.

Task 04: Write code to create a file matrix.txt. Generate random number for rows (4-8) and columns (4-8). Write rows and columns on the top of the file, each in single line. Next in rows * columns lines, write random elements of the matrix in range 1 to 9.