ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)

ORGANISATION OF ISLAMIC COOPERATION (OIC)

Department of Computer Science and Engineering (CSE)

Course: 4108, Lab Task 11-1a

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Previously, you had created a structure to hold the information of a student in IUT. The Vice-Chancellor is quite pleased with your effort. Impressed, he wants you to implement another system which contains the teachers' information. Seeing as you are a first-year, the system will be developed in C, and you have to use text files to keep information and extract information from. The structure format for storing information about a teacher is as follows:

Name (character)
Position (character)
Date of Birth (date)
Department (character)
Current Credits Taken (real number)
Specialization (character)

Each line of the above format corresponds to a member of the structure "teacher". The texts inside the brackets indicate the type of data of the members. The tasks are given below:

Sub-Tasks:
1. Create the given structure and name it "teacher". Create necessary data structures for any data type that is not already present in C. (5)
2. Read from the file "teacherDB.txt" and print it on the screen. (5)
3. Take input from the console to append any new teacher on the teacherDB.txt file. (5)

N.B.: A sample text file is attached with the doc file.