

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)

ORGANISATION OF ISLAMIC COOPERATION (OIC)

Department of Computer Science and Engineering (CSE)

Course: 4108, Lab Task 11-1b

Prepared By – Talha Ibn Aziz (Lecturer, CSE)

Previously, you had to create a structure for handling transactions of IUT. Now, you are given the task to create the full system so that IUT can operate the system like a bank. The structure of the “account” information is as follows:

Name (character)

Account ID (number)

Account type (character)

Account Balance (float)

The system will use text files for saving the information of different accounts. Each time, to do a transaction, the system will add or subtract the amount of money from the account balance.

Subtasks (marks):

1. Create the “account” structure as given above. (5)
2. Read the contents of the text file “bankDB1B.txt” and show it on the screen. (5)
3. Ask for a command of the type: “10042 +445” or “20042 -54”, which means add +445 to the bank account 10042 and subtract 54 from the account 20042. Write the changes into the appropriate bank accounts in the text file.

N.B. A sample file is attached with the document.