**Assignment02**

Programming Fundamentals

Submission deadline: 18th April, 2021 – 10.00 PM

**Submission Guidelines:**

* Submit the assignment only on **google classroom within deadline.**
* Late submissions upto **15** mins are allowed with a penalty of **30%** on google classroom. After that **no** submission will be entertained
* Name the source file as “assign01-roll#.cpp”. For example **assig01-i200561.cpp**
* Submit three files as explained at the end
* Failing to follow the submission guidelines will result in penalties.

**File Handling**

In this assignment, you will keep a record of all transactions (depost/withdrawl) happening in a bank. A text file is provided having information of all accounts in a bank. Load this information into a struct array at the start of the program.

Make a menu for the following options

1. Make a Transaction
   1. Depost
   2. Withdrawl
2. View all Transactions

**Make a Transaction:**

Once this optoin is selected, show two more options for Deposit and Withdrawl.

Whatever option is selected by the user, your program should then ask for accountID, verify if its exist, and then ask for the amount.

Update the balance in the account variable in struct array by adding or subtracting the transaction amount.

Make a log of all transaction by storing the transaction details into a binary file. Transaction details should include

Date and Time of transaction, Account#, Type of Transaction, and Amount of Tranaction

Use the binary file in Append mode in order to keep the previous data

**View all Transactions:**

Show all the transactions on console by reading the log file.

Once the program ends, overwrite the bank account file with the struct array contents

Submission:

* The code file
* Bank account text file
* Transaction Log binary file