Assignment – 04

Name: Shubham Chemate   **Subject:** OOP Lab

Roll No: 21118   **Date:** 26-Oct-2020

Batch: E-1

Problem Statement:

Write a c++ program that creates an output file, writes information to it, closes the file, open it again as an input file and read the information from the file.

Source Code:

Source code file(.cpp) is provided with this document as attachment.

Input and Output Demo:

Writing to the newly created file:

```
Enter
0 to exit
1 to write to a file
2 to append to file
3 to read from file
:1
How many users: 2

Enter name: Lanson
Enter email: lanson.gray@hotmail.com

Enter name: Marigrane
Enter email: mari.lasi@gmail.com
```
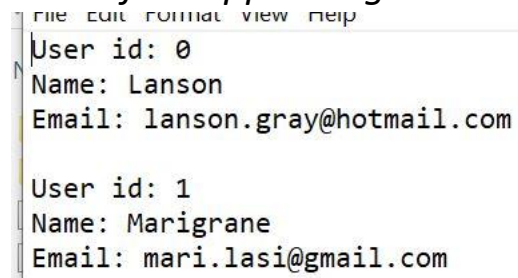
Appending to an existing file (appending to the same file created above):

```
Enter
0 to exit
1 to write to a file
2 to append to file
3 to read from file
:2
How many users: 1

Enter name: Tom
Enter email: tom.leinghton@mit.edu
```
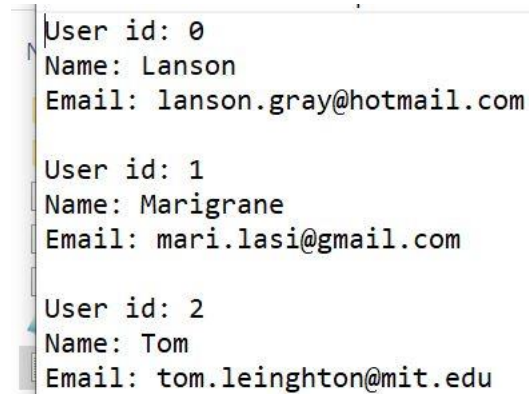
File before appending:

```
File  Edit  Format  View  Help
User id: 0
Name: Lanson
Email: lanson.gray@hotmail.com

User id: 1
Name: Marigrane
Email: mari.lasi@gmail.com
```

File after appending:

```
User id: 0
Name: Lanson
Email: lanson.gray@hotmail.com

User id: 1
Name: Marigrane
Email: mari.lasi@gmail.com

User id: 2
Name: Tom
Email: tom.leinghton@mit.edu
```

Reading from file:

```
Enter
0 to exit
1 to write to a file
2 to append to file
3 to read from file
:3

~~~~~~~~~~~Reading From the File~~~~~~~~~~
User id: 0
Name: Lanson
Email: lanson.gray@hotmail.com

User id: 1
Name: Marigrane
Email: mari.lasi@gmail.com

User id: 2
Name: Tom
Email: tom.leinghton@mit.edu


Enter
```

Thank you.