

**Institute of Digital Technology**  
**Advance Programming (C part II)**  
**Lab 04**

1. Write a program in C to display the content of a given file.

Example: file\_name: hello.txt (with the content as follow)

```
Hello everybody!  
I am a student at IDT. I am 19 years old.
```

```
> Input a file: hello.txt  
Hello everybody!  
I am a student at IDT. I am 19 years old.
```

2. Write a program in C to copy from the content of source file to the destination file. The name of source file and destination file are given by user.

- If there is no source file, display the message "Error! No source file!".
- If there is no destination file, create and copy the content of source file.
- If the destination file is impossible to create, display the message "Error! Cannot create destination file".
- If the source file and destination file are the same name, display message "Error! Same name".

Example:

```
> Input the source file: hello.txt  
Input the destination file: copyHello.txt  
  
> copyHello.txt  
Hello everybody!  
I am a student at IDT. I am 19 years old.
```

3. Write a program in C to concatenate the content of 2 given files into a new file and then display the content of the new file. Example:

```
> Input the first file: hello.txt  
Input the second file: copyHello.txt  
Input a file: concate.txt  
  
> concate.txt  
Hello everybody!  
I am a student at IDT. I am 19 years old.  
Hello everybody!
```

4. Write a program in C to store Student Information (names, StudentID, ages, genders) in file. Each student store in one line in file. We manage it using the following menu:

- 1) Add student
- 2) Edit student
- 3) Remove students
- 4) Print all students

**GOOD LUCK !**