Soal Praktikum *Practicum Case* COMP6360 Algorithm and Programming	BINUS MALANG Institute of Creative Technology
Teknik Informatika *Computer Science*	CS-COMP6360-Var01
Periode Berlaku Mulai Semester Ganjil 2018/2019 ***Valid on*** *Odd Semester Year* Ganjil 2018/2019	**Revisi 00** *Revision 00*

Learning Outcomes

• Write a program in C language in problem solving

Topic

• Session 08 – File

Sub Topics

• Read data from file
• Write data to file

Soal
Case

You are a programmer of a software house. You are asked by a client to create a program to record sale on restaurant. Here are the descriptions of the program:

• Restaurant data save on file "**soal08.txt**", you must load all data from text file to your program
• Main program contain main menu, that show menu that already loaded from file
    o To select menu you can choose code based on food numbering, while user input data outside code program will ask code again
    o After choose food code, user will ask quantity of order,
    o Verify user for add more food, if user want to add more order, program will back to main menu
    o If user choose 'Y' or 'y', program will show last order on Jumlah
• If user stop add more food, show all requested order and total order.
    o Show sub total that must pay on each ordered item
    o Show total order that must pay
    o Verify cash, cash must bigger than total order
    o Show exchange

Please run the EXE file to see the sample program.

Print Screen of Main Program

```
=================================================
        SELAMAT DATANG DI RESTO SEDERHANA
=================================================
 No      : Nama item        : Harga : Jumlah
=================================================
 1       : Soto_Madura      : 15000 : 0
 2       : Nasi_Goreng      : 20000 : 0
 3       : Rujak_cingur     : 25000 : 0
 4       : Es_teh           : 3000  : 0
 5       : Es_jeruk         : 5000  : 0


Masukkan kode pesanan anda [1..5] : a

Masukkan kode pesanan anda [1..5] : b

Masukkan kode pesanan anda [1..5] :
```

Print Screen of add order

```
=================================================
        SELAMAT DATANG DI RESTO SEDERHANA
=================================================
 No      : Nama item        : Harga : Jumlah
=================================================
 1       : Soto_Madura      : 15000 : 2
 2       : Nasi_Goreng      : 20000 : 2
 3       : Rujak_cingur     : 25000 : 0
 4       : Es_teh           : 3000  : 0
 5       : Es_jeruk         : 5000  : 0


Masukkan kode pesanan anda [1..5] : 4
Pesanan Es_teh sejumlah : 2

Apakah anda ingin menambah data? [Y/N] :
```

Print Screen of pay order

```
================================================================
            SELAMAT  DATANG  DI  RESTO  SEDERHANA
================================================================
   No      ¦ Nama item        ¦ Harga ¦ Jumlah  ¦ Sub Total
================================================================
   1       ¦ Soto_Madura      ¦ 15000 ¦ 2       ¦ 30000
   2       ¦ Nasi_Goreng      ¦ 20000 ¦ 2       ¦ 40000
   3       ¦ Rujak_cingur     ¦ 25000 ¦ 0       ¦ 0
   4       ¦ Es_teh           ¦ 3000  ¦ 2       ¦ 6000
   5       ¦ Es_jeruk         ¦ 5000  ¦ 0       ¦ 0


Total tagihan anda sejumlah Rp   76000
Masukkan uang anda : Rp 7000
Masukkan uang anda : Rp 80000
Kembali sejumlah Rp   4000
```