


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

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 developer work at TRAVEL OKE with slogan “*Masuk Pak Oke*”. TRAVEL OKE develop system to check, edit, and add train data. Please make a program to support *Pak Oke*

- TRAVEL OKE data save on file “**soal08.txt**”, you must load all data from text file to your program.
- TRAVEL OKE program have 4 menu, which
 - Show data
When user access this menu, program will show all train list based on text file
 - Edit data
Sometimes user exhausted and input wrong data, user can manage their data through this menu.
Edit train selected with train code, use No as code, please validate code.
 - New data
Due train nowadays is more comfortable rather than bus, train demand is increase that lead opening new track. Admin must have menu to add new train data.
 - Save
Save all your work by accessing this menu to file “**soal08.txt**”
 - Exit

Please run the EXE file to see the sample program.

Print Screen of Main Program

```
=====
          SELAMAT DATANG TRAVEL OKE
=====
1. Tampilkan kereta
2. Edit kereta
3. Tambah kereta
4. Save
5. Exit
Masukkan pilihan anda [1..5] : 9
Masukkan pilihan anda [1..5] : 8
Masukkan pilihan anda [1..5] : _
```

Print Screen of menu no 1

```
=====
          SELAMAT DATANG TRAVEL OKE
=====
No | Nama kereta   | Asal           | Tujuan         | Loko
=====
1  | Sancaka       | Malang         | Jakarta        | BB210
2  | Argo_bromo    | Surabaya      | Gambir         | CC206
3  | Argo_sindoro  | Poncol        | Gambir         | CC206
4  | Gajayana      | Malang        | Gambir         | CC206
5  | Sembrani      | Surabaya      | Gambir         | CC206
6  | poncol        | semarang      | indah         | bb
```

Print Screen of menu no 2

```
=====
          SELAMAT DATANG TRAVEL OKE
=====
No | Nama kereta   | Asal           | Tujuan         | Loko
=====
1  | Sancaka       | Malang         | Jakarta        | BB210
2  | Argo_bromo    | Surabaya      | Gambir         | CC206
3  | Argo_sindoro  | Poncol        | Gambir         | CC206
4  | Gajayana      | Malang        | Gambir         | CC206
5  | Sembrani      | Surabaya      | Gambir         | CC206
6  | poncol        | semarang      | indah         | bb

Masukkan kode kereta yang ingin di edit : 4
```

Data Kereta yang ingin di edit :

Nama Kereta : Gajayana
Asal : Malang
Tujuan : Gambir
Lokomotif : CC206

Data Kereta yang ingin baru :

Nama Kereta : Malang_indah
Asal : Malang
Tujuan : Jakarta
Lokomotif : CC208_

Print Screen of menu no 3

Data Kereta yang ingin ditambah :

Nama Kereta : Sinar_jaya
Asal : Denpasar
Tujuan : Jakarta
Lokomotif : CC290_