


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

### Learning Outcomes

- Write a program in C language in problem solving

### Topic

- Session 07 – Recursive

### Sub Topics

- Recursive
- Iteration

### Soal

Case

Program My Factorial is a program that can produce the result of factorial based on input from user. Details of the program as follow :

- The program can show the calculation from first number to the last number of the user input.
- The calculation will be for every part of the factorial

The program should consist of 1 main modul and 1 sub modul

**Please run the EXE file to see the sample program.**

### Print Screen of First Screen

```
+++++
Welcome to  Factorial Program
+++++
Enter an integer number :5

5 * 4 =  20
20 * 3 =  60
60 * 2 = 120
120 * 1 = 120
Factorial of 5 is = 120

Press Y to Repeat .....
-----
Process exited after 6.488 seconds with return value 0
Press any key to continue . . .
```

### Print Screen of Second Screen

```
+++++
Welcome to  Factorial Program
+++++
Enter an integer number :7

7 * 6 =  42
42 * 5 = 210
210 * 4 = 840
840 * 3 = 2520
2520 * 2 = 5040
5040 * 1 = 5040
Factorial of 7 is = 5040

Press Y to Repeat .....
-----
Process exited after 4.282 seconds with return value 0
Press any key to continue . . . ■
```