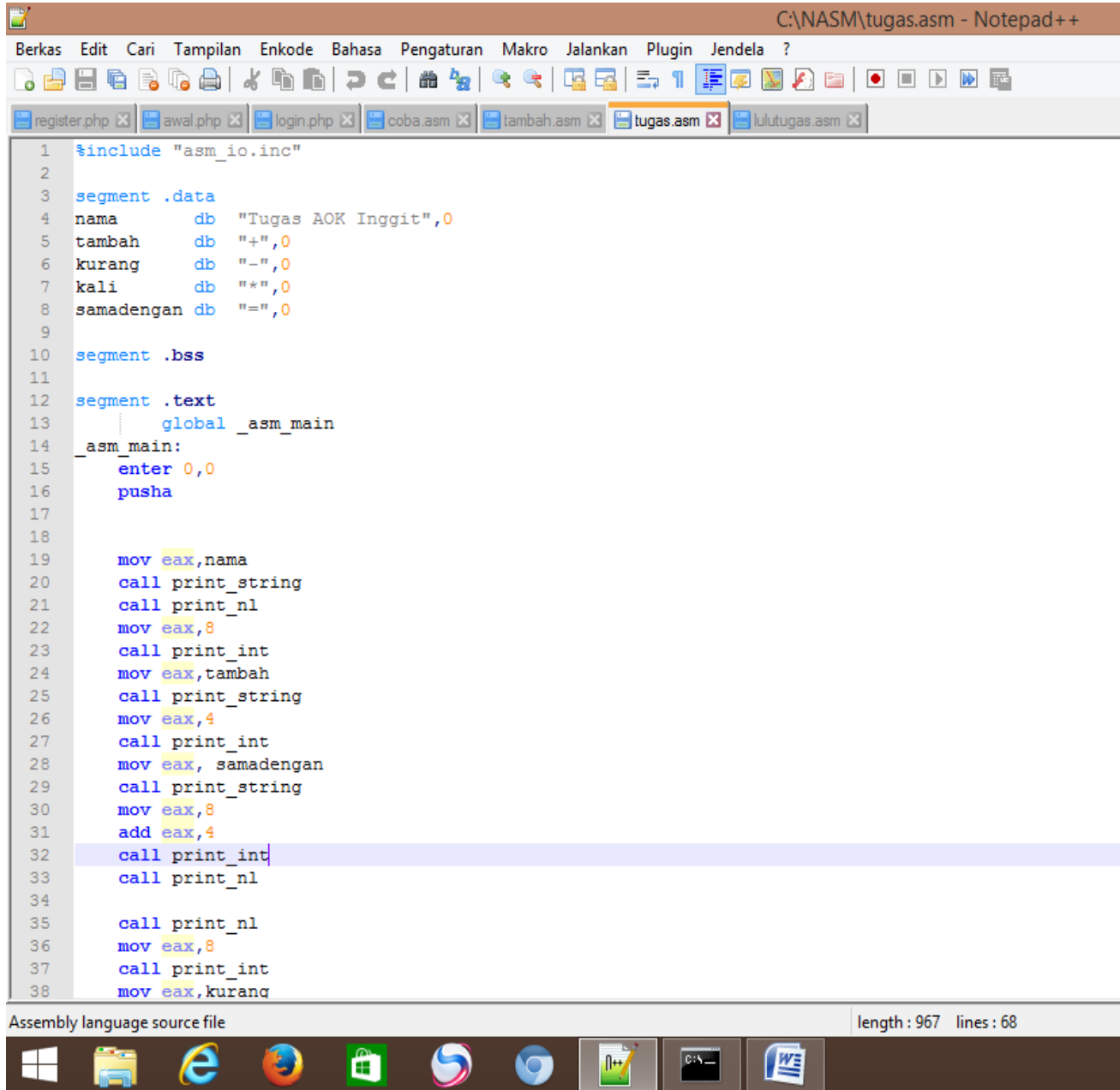Tugas Praktikum AOK Kelompok A3

Nama : Inggit Siti Maya Aulia

NIM   : 2014470160

```asm
%include "asm_io.inc"

segment .data
nama        db   "Tugas AOK Inggit",0
tambah      db   "+",0
kurang      db   "-",0
kali        db   "*",0
samadengan  db   "=",0

segment .bss

segment .text
        global _asm_main
_asm_main:
    enter 0,0
    pusha


    mov eax,nama
    call print_string
    call print_nl
    mov eax,8
    call print_int
    mov eax,tambah
    call print_string
    mov eax,4
    call print_int
    mov eax, samadengan
    call print_string
    mov eax,8
    add eax,4
    call print_int
    call print_nl

    call print_nl
    mov eax,8
    call print_int
    mov eax,kurang
```

C:\NASM\tugas.asm - Notepad++

Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Makro Jalankan Plugin Jendela ?

register.php | awal.php | login.php | coba.asm | tambah.asm | tugas.asm | lulutugas.asm

Assembly language source file   length : 967   lines : 68

C:\NASM\tugas.asm - Notepad++

Berkas Edit Cari Tampilan Enkode Bahasa Pengaturan Makro Jalankan Plugin Jendela ?

register.php 🗙 awal.php 🗙 login.php 🗙 coba.asm 🗙 tambah.asm 🗙 tugas.asm 🗙 lulutugas.asm 🗙

```asm
32      call print_int
33      call print_nl
34
35      call print_nl
36      mov eax,8
37      call print_int
38      mov eax,kurang
39      call print_string
40      mov eax,4
41      call print_int
42      mov eax, samadengan
43      call print_string
44      mov eax,8
45      sub eax,4
46      call print_int
47      call print_nl
48
49      call print_nl
50      mov eax,8
51      call print_int
52      mov eax,kali
53      call print_string
54      mov eax,4
55      call print_int
56      mov eax, samadengan
57      call print_string
58      mov eax,8
59      imul eax,4
60      call print_int
61      call print_nl
62
63      popa
64      mov eax,0
65      leave
66      ret
67
68
```

```
C:\Windows\system32\cmd.exe

on>
     number-overflow           numeric constant does not fit (default on)
     gnu-elf-extensions        using 8- or 16-bit relocation in ELF32, a GNU extens
ion (default off)
     float-overflow            floating point overflow (default on)
     float-denorm              floating point denormal (default off)
     float-underflow           floating point underflow (default off)
     float-toolong             too many digits in floating-point number (default on
)
     user                      %warning directives (default on)
     lock                      lock prefix on unlockable instructions (default on)
     hle                       invalid hle prefixes (default on)

response files should contain command line parameters, one per line.

For a list of valid output formats, use -hf.
For a list of debug formats, use -f <form> -y.

C:\NASM>nasm -f win32 tugas.asm

C:\NASM>gcc -o tugas tugas.obj driver.c asm_io.obj

C:\NASM>tugas
Tugas AOK Inggit
8+4=12

8-4=4

8*4=32

C:\NASM>
```