

# Tugas 1 Praktek AOK

## Siti Maryam Hanifah\_2014470062

Folder as Workspace

bootstrap-3.3.6-dist

css

fonts

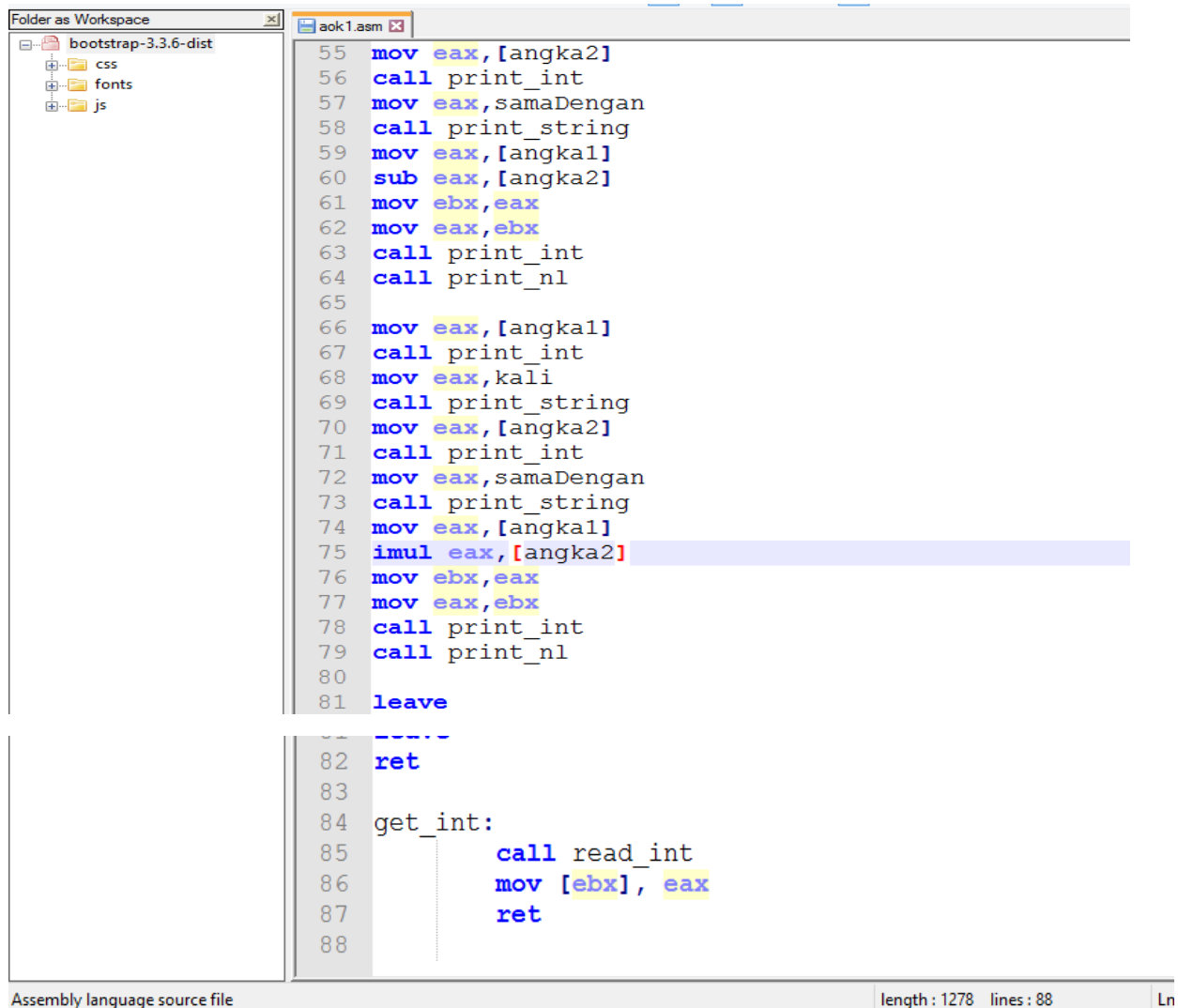
js

aok1.asm

```
1 %include "asm_io.inc"
2
3 segment .data
4 hello1 db "Masukkan angka 1 = ",0
5 hello2 db "Masukkan angka 2 = ",0
6
7 tambah db "+",0
8 kurang db "-",0
9 kali db "*",0
10 samaDengan db "=",0
11
12 segment .bss
13 angka1 resd 1
14 angka2 resd 1
15
16 segment .text
17 global _asm_main
18
19 _asm_main:
20 enter 0,0
21 pusha
22
23 popa
24 mov eax,hello1
25 call print_string
26 mov ebx,angka1
27 call get_int
28
29 mov eax,hello2
30 call print_string
31 mov ebx,angka2
32 call get_int
33
34 call print_nl
35
36 mov eax,[angka1]
37 call print_int
38 mov eax,tambah
39 call print_string
40 mov eax,[angka2]
41 call print_int
42 mov eax,samaDengan
43 call print_string
44 mov eax,[angka1]
45 add eax,[angka2]
46 mov ebx,eax
47 mov eax,ebx
48 call print_int
49 call print_nl
50
51 mov eax,[angka1]
52 call print_int
53 mov eax,kurang
54 call print_string
```

# Tugas 1 Praktek AOK

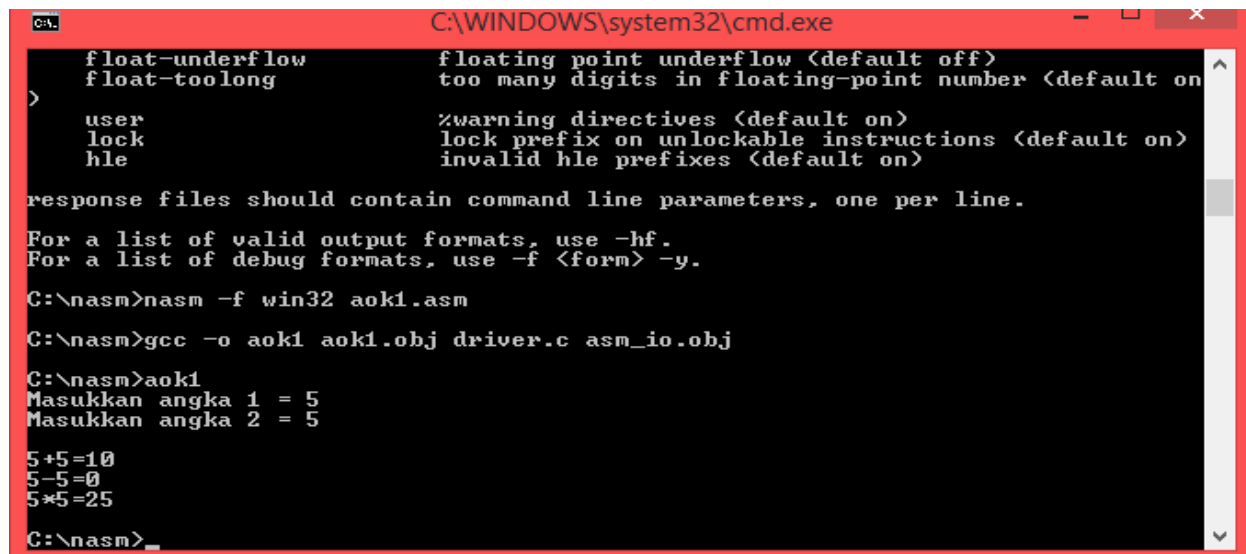
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```
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55 mov eax,[angka2]
56 call print_int
57 mov eax,samaDengan
58 call print_string
59 mov eax,[angka1]
60 sub eax,[angka2]
61 mov ebx,eax
62 mov eax,ebx
63 call print_int
64 call print_nl
65
66 mov eax,[angka1]
67 call print_int
68 mov eax,kali
69 call print_string
70 mov eax,[angka2]
71 call print_int
72 mov eax,samaDengan
73 call print_string
74 mov eax,[angka1]
75 imul eax,[angka2]
76 mov ebx,eax
77 mov eax,ebx
78 call print_int
79 call print_nl
80
81 leave
82
83
84 get_int:
85     call read_int
86     mov [ebx], eax
87     ret
88
```

Assembly language source file length : 1278 lines : 88



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

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 aok1.asm
C:\nasm>gcc -o aok1 aok1.obj driver.c asm_io.obj
C:\nasm>aok1
Masukkan angka 1 = 5
Masukkan angka 2 = 5

5+5=10
5-5=0
5*5=25

C:\nasm>
```