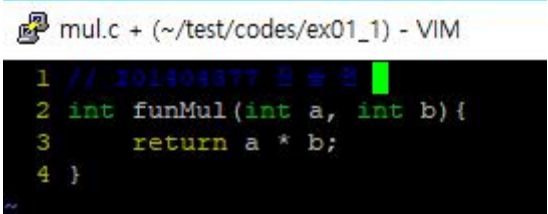
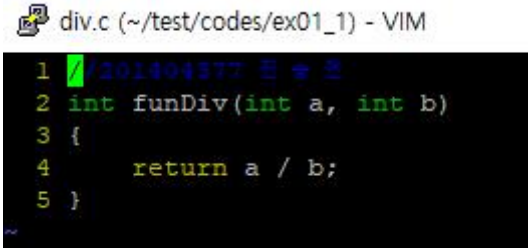
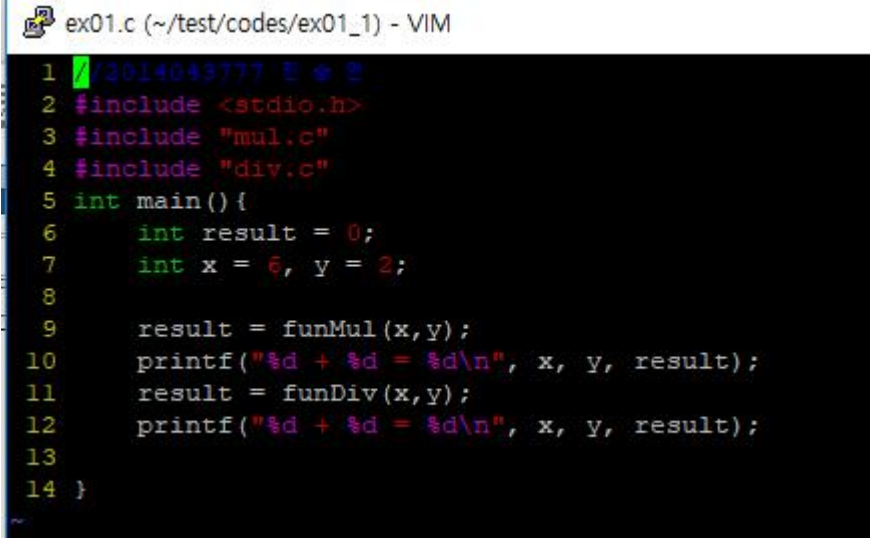
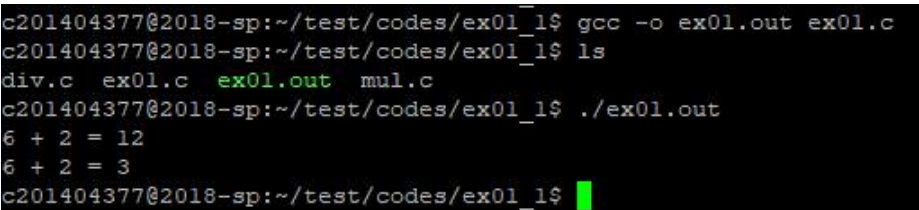


2018년 시스템 프로그래밍

- HW 02 -

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|------|-------------|
| 제출일자 | 2018.09.18. |
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| 학번 | 201404377 |
| 분반 | 02 |

| 실습 1 | |
|------------------|--|
| 조건 1 (mul.c) |  <pre> mul.c + (~/.test/codes/ex01_1) - VIM 1 // 2014043777 점 수 점 2 int funMul(int a, int b){ 3 return a * b; 4 } </pre> |
| 조건 2 (div.c) |  <pre> div.c (~/.test/codes/ex01_1) - VIM 1 // 2014043777 점 수 점 2 int funDiv(int a, int b) 3 { 4 return a / b; 5 } </pre> |
| 조건 3 (ex01.c) |  <pre> ex01.c (~/.test/codes/ex01_1) - VIM 1 // 2014043777 점 수 점 2 #include <stdio.h> 3 #include "mul.c" 4 #include "div.c" 5 int main(){ 6 int result = 0; 7 int x = 6, y = 2; 8 9 result = funMul(x,y); 10 printf("%d + %d = %d\n", x, y, result); 11 result = funDiv(x,y); 12 printf("%d + %d = %d\n", x, y, result); 13 14 } </pre> |
| 결과화면 |  <pre> c201404377@2018-sp:~/test/codes/ex01_1\$ gcc -o ex01.out ex01.c c201404377@2018-sp:~/test/codes/ex01_1\$ ls div.c ex01.c ex01.out mul.c c201404377@2018-sp:~/test/codes/ex01_1\$./ex01.out 6 + 2 = 12 6 + 2 = 3 c201404377@2018-sp:~/test/codes/ex01_1\$ </pre> <p>(결과화면 스크린샷 예시)</p> |

| 실습 2 | |
|------------------|---|
| 조건 1 (cp 명령어) | <pre> c201404377@2018-sp:~/weak02\$ cp /home/sys02/sys02/lab02/practice02_2.tar.gz prac tice02_2.tar.gz c201404377@2018-sp:~/weak02\$ ls practice02_2.tar.gz c201404377@2018-sp:~/weak02\$ </pre> |
| 조건 2 (main.c) | <pre> main.c (~/weak02/practice02_2) - VIM 1 #include<stdio.h> 2 #include "diary.h" 3 // 201404377 학생용 4 int main(void) { 5 6 // add sub mul div 결과 출력 7 int result = 0; 8 int x = 5, y = 3; 9 result = funcAdd(x,y); 10 printf("%d + %d = %d\n", x, y, result); 11 result = funcSub(x,y); 12 printf("%d - %d = %d\n", x, y, result); 13 result = funcMul(x,y); 14 printf("%d * %d = %d\n", x, y, result); 15 result = funcDiv(x,y); 16 printf("%d / %d = %d\n", x, y, result); 17 // memo(), calendar() 결과 출력 18 memo(); 19 calendar(); 20 return 0; 21 } </pre> |

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| <p>조건 3 (Makefile)</p> |  <pre> 1 CC = gcc 2 CFLAGS = -W -Wall 3 TARGET = diary.out 4 5 all : \$(TARGET) 6 7 \$(TARGET) : memo.o calendar.o add.o sub.o mul.o div.o main.o 8 \$(CC) \$(CFLAGS) -o diary.out memo.o calendar.o add.o sub.o mul.o div.o main.o 9 memo.o : memo.c 10 \$(CC) \$(CFLAGS) -c -o \$@ \$^ 11 calendar.o : calendar.c 12 \$(CC) \$(CFLAGS) -c -o \$@ \$^ 13 div.o : div.c 14 \$(CC) \$(CFLAGS) -c -o \$@ \$^ 15 add.o : add.c 16 \$(CC) \$(CFLAGS) -c -o \$@ \$^ 17 sub.o : sub.c 18 \$(CC) \$(CFLAGS) -c -o \$@ \$^ 19 mul.o : mul.c 20 \$(CC) \$(CFLAGS) -c -o \$@ \$^ 21 main.o : main.c 22 \$(CC) \$(CFLAGS) -c -o \$@ \$^ </pre> |
| <p>조건 4 (실행화면)</p> |  <pre> c201404377@2018-sp:~/weak02/practice02_2\$ ls add.c add.o calendar.c calendar.o diary.h diary.out div.c div.o main.c main.o Makefile memo.c memo.o mul.c mul.o sub.c sub.o c201404377@2018-sp:~/weak02/practice02_2\$./diary.out 5 + 3 = 8 5 - 3 = 2 5 * 3 = 15 5 / 3 = 1 function memo. function calendar. c201404377@2018-sp:~/weak02/practice02_2\$ </pre> |
| <p>조건 5 (make clean)</p> |  <pre> c201404377@2018-sp:~/weak02/practice02_2\$ ls add.c calendar.c diary.h div.c main.c Makefile memo.o mul.o sub.o add.o calendar.o diary.out div.o main.o memo.c mul.c sub.c c201404377@2018-sp:~/weak02/practice02_2\$ make clean rm -rf *.o rm -rf diary.out c201404377@2018-sp:~/weak02/practice02_2\$ ls add.c calendar.c diary.h div.c main.c Makefile memo.c mul.c sub.c c201404377@2018-sp:~/weak02/practice02_2\$ </pre> |