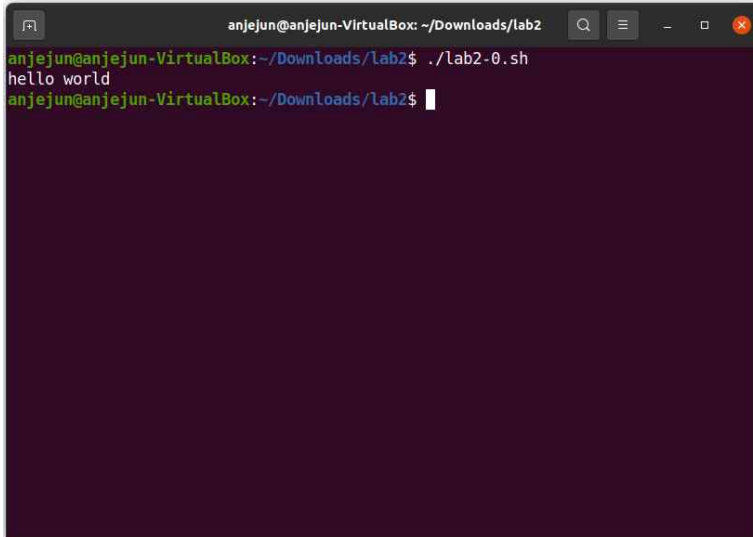


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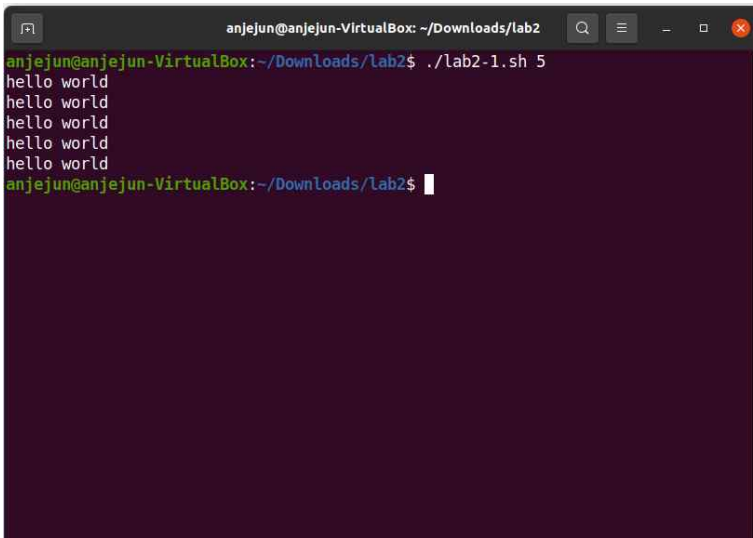
오픈소스 lab2 보고서



```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-0.sh
hello world
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-0>

echo를 이용한 print



```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-1.sh 5
hello world
hello world
hello world
hello world
hello world
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-1>

echo와 while 조건문을 이용해 해당 횟수만큼 출력

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-2.sh 1 - 4
-3
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-2.sh 5 + 3
8
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-2>

case문을 이용해 두 번째로 입력받은 operate로 res값을 계산해 출력

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-3.sh 1 170
LowWeight
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-3.sh 65 175
NomalWeight
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-3.sh 650 170
OverWeight
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-3>

if문을 활용한 bmi체크

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ vi lab2-4.sh
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-4.sh
Y
다행입니다.
더욱 열심히 하세요 ^^
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-4.sh
NO
안타깝네요.
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-4.sh
I DONT NO
yes 아니면 no만 입력했어야죠
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-4>

case문 이용

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-5.sh
start function.
inner function.
DB.txt lab2-1.sh lab2-3.sh lab2-5.sh lab2-7.sh lab2-9.sh
lab2-0.sh lab2-2.sh lab2-4.sh lab2-6.sh lab2-8.sh
end function.
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-5.sh -l
start function.
inner function.
total 40
-rw-rw-r-- 1 anjejun anjejun 0 11월 21 09:21 DB.txt
-rwxrwxr-x 1 anjejun anjejun 31 11월 30 15:20 lab2-0.sh
-rwxrwxr-x 1 anjejun anjejun 93 11월 30 15:33 lab2-1.sh
-rwxrwxr-x 1 anjejun anjejun 141 11월 30 15:35 lab2-2.sh
-rwxrwxr-x 1 anjejun anjejun 336 11월 30 15:43 lab2-3.sh
-rwxrwxr-x 1 anjejun anjejun 241 11월 30 15:57 lab2-4.sh
-rwxrwxr-x 1 anjejun anjejun 135 11월 30 15:47 lab2-5.sh
-rwxrwxr-x 1 anjejun anjejun 372 11월 21 06:51 lab2-6.sh
-rwxrwxr-x 1 anjejun anjejun 591 11월 21 07:59 lab2-7.sh
-rwxrwxr-x 1 anjejun anjejun 36 11월 21 08:10 lab2-8.sh
-rwxrwxr-x 1 anjejun anjejun 25 11월 21 08:22 lab2-9.sh
end function.
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-5>

def함수 만들어서 실행 def함수 내에서 ls출력하기

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2/files/files
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ls
lab2-0.sh lab2-2.sh lab2-4.sh lab2-6.sh lab2-8.sh
lab2-1.sh lab2-3.sh lab2-5.sh lab2-7.sh lab2-9.sh
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-6.sh files
file0.txt
file1.txt
file2.txt
file3.txt
file4.txt
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ls
files lab2-1.sh lab2-3.sh lab2-5.sh lab2-7.sh lab2-9.sh
lab2-0.sh lab2-2.sh lab2-4.sh lab2-6.sh lab2-8.sh
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ cd files
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files$ ls
file0.txt file1.txt file2.txt file3.txt file4.txt files
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files$ cd files
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files/files$ ls
file0.txt file1.txt file2.txt file3.txt file4.txt files.tar
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files/files$
```

<lab2-6>

5개의 file 만들어서 압축

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2/files/file0
./lab2-6.sh: 15: read: Illegal option -a
./lab2-6.sh: 18: Bad substitution
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ls
DB.txt lab2-0.sh lab2-2.sh lab2-4.sh lab2-6.sh lab2-8.sh
files lab2-1.sh lab2-3.sh lab2-5.sh lab2-7.sh lab2-9.sh
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ rm -r files
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ rm -r DB.txt
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ vi lab2-6.sh
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ vi lab2-7.sh files
2 files to edit
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-7.sh files
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ cd files
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files$ ls
file0 file1 file2 file3 file4
file0.txt file1.txt file2.txt file3.txt file4.txt
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files$ cd file0
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files/file0$ ls
file0.txt
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files/file0$ ll
total 8
drwxrwxr-x 2 anjejun anjejun 4096 11월 30 16:47 ./
drwxrwxr-x 7 anjejun anjejun 4096 11월 30 16:47 ../
lrwxrwxrwx 1 anjejun anjejun 9 11월 30 16:47 file0.txt -> file0.txt
anjejun@anjejun-VirtualBox:~/Downloads/lab2/files/file0$
```

<lab2-7>

5개 이상의 file 만들어서 압축

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-8.sh Song 010-XXXX-XXXX
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-8.sh Jo 010-YYYY-YYYY
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-8.sh Ju 010-ZZZZ-ZZZZ
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ cat DB.txt
-e Song 010-XXXX-XXXX
-e Jo 010-YYYY-YYYY
-e Ju 010-ZZZZ-ZZZZ
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ echo "* My friends" > DB.txt
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ cat DB.txt
* My friends
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-8.sh Song 010-XXXX-XXXX
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ cat DB.txt
* My friends
-e Song 010-XXXX-XXXX
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-8>

첫 번째 인자와 두 번째 인자를 받아 text파일에 저장

```
anjejun@anjejun-VirtualBox: ~/Downloads/lab2
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ vi lab2-9.sh Song
2 files to edit
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-9.sh Song
-e Song 010-XXXX-XXXX
anjejun@anjejun-VirtualBox:~/Downloads/lab2$ ./lab2-9.sh Lee
anjejun@anjejun-VirtualBox:~/Downloads/lab2$
```

<lab2-9>

grep 명령어로 해당 file에서 해당 인자 찾기