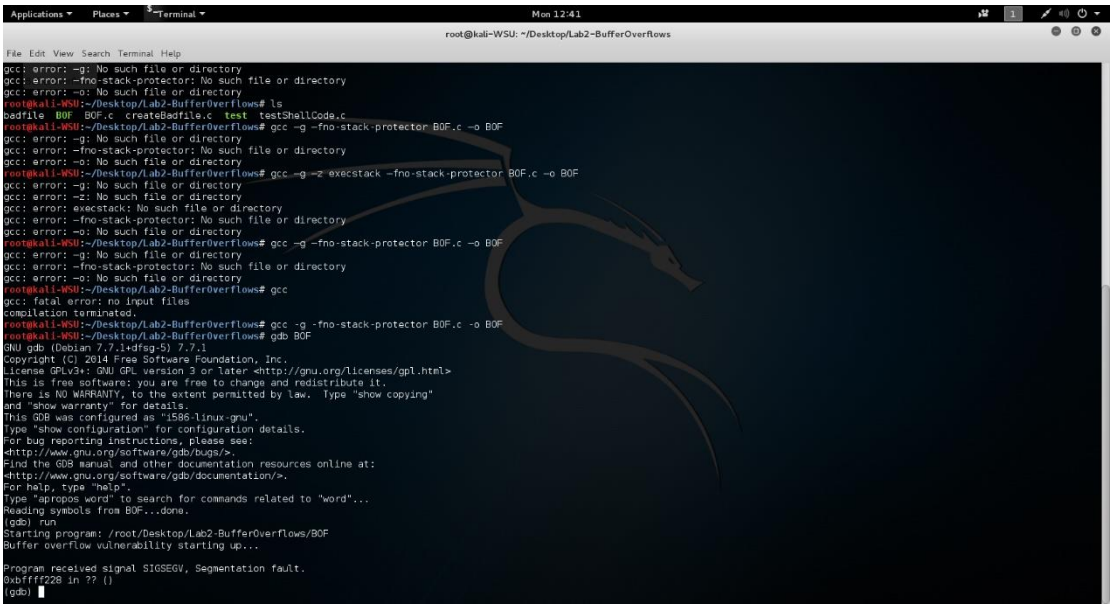
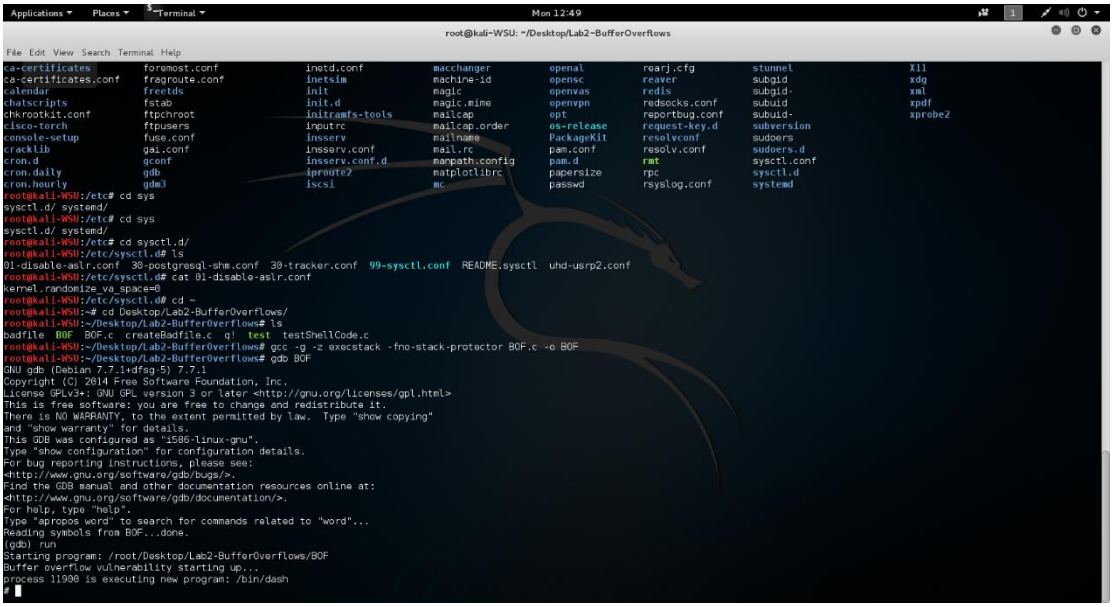
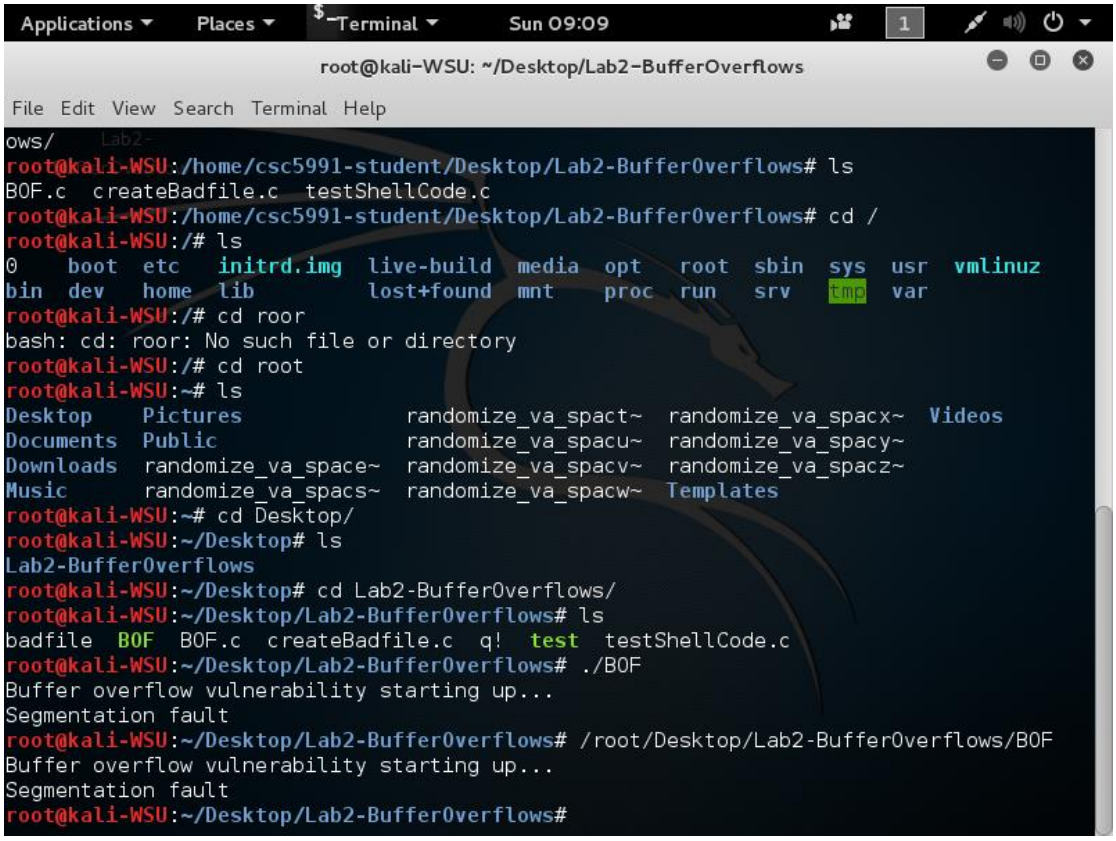
a. 如果用 gdb 的话，没有影响。



b. 返回地址没有变化。



c. 改变了。


Applications
Places
Terminal
Sun 09:09
root@kali-WSU: ~/Desktop/Lab2-BufferOverflows
File Edit View Search Terminal Help
ows/ Lab2-
root@kali-WSU:/home/csc5991-student/Desktop/Lab2-BufferOverflows# ls
BOF.c createBadfile.c testShellCode.c
root@kali-WSU:/home/csc5991-student/Desktop/Lab2-BufferOverflows# cd /
root@kali-WSU:/# ls
0 boot etc initrd.img live-build media opt root sbin sys usr vmlinuz
bin dev home lib lost+found mnt proc run srv tmp var
root@kali-WSU:/# cd roor
bash: cd: roor: No such file or directory
root@kali-WSU:/# cd root
root@kali-WSU:~# ls
Desktop Pictures randomize_va_spact~ randomize_va_spacx~ Videos
Documents Public randomize_va_spacu~ randomize_va_spacy~
Downloads randomize_va_space~ randomize_va_spacv~ randomize_va_spacz~
Music randomize_va_spacs~ randomize_va_spacw~ Templates
root@kali-WSU:~# cd Desktop/
root@kali-WSU:~/Desktop# ls
Lab2-BufferOverflows
root@kali-WSU:~/Desktop# cd Lab2-BufferOverflows/
root@kali-WSU:~/Desktop/Lab2-BufferOverflows# ls
badfile BOF BOF.c createBadfile.c q! test testShellCode.c
root@kali-WSU:~/Desktop/Lab2-BufferOverflows# ./BOF
Buffer overflow vulnerability starting up...
Segmentation fault
root@kali-WSU:~/Desktop/Lab2-BufferOverflows# /root/Desktop/Lab2-BufferOverflows/BOF
Buffer overflow vulnerability starting up...
Segmentation fault
root@kali-WSU:~/Desktop/Lab2-BufferOverflows#