```
005670557@csusb.edu@jb359-16:~/cse313/Lab 4

File   Edit   View   Search   Terminal   Help

[005670557@csusb.edu@jb359-16 Lab 4]$ nasm -f elf64 lab4.s -o lab4.o
[005670557@csusb.edu@jb359-16 Lab 4]$ ld lab4.o -o lab4
[005670557@csusb.edu@jb359-16 Lab 4]$ ./lab4
Enter 8-bit binary number       : 10101010
Binary number with parity bits : 101001011000
Generating 1-bit error          : 101101011000
Detecting and correcting error : 101001011000
[005670557@csusb.edu@jb359-16 Lab 4]$
[005670557@csusb.edu@jb359-16 Lab 4]$ 10000000
bash: 10000000: command not found...
[005670557@csusb.edu@jb359-16 Lab 4]$ ./lab4
Enter 8-bit binary number       : 10000000
Binary number with parity bits : 100010001000
Generating 1-bit error          : 100110001000
Detecting and correcting error : 100010001000
[005670557@csusb.edu@jb359-16 Lab 4]$
[005670557@csusb.edu@jb359-16 Lab 4]$
```