

```
computer@c010121:~/Downloads
Processing 1 added doc-base file...
Setting up libsigsegv2:amd64 (2.10-4) ...
Setting up m4 (1:4.27-5) ...
Setting up libltdl-dev:amd64 (2.6.0-11) ...
Setting up flex (2.6.0-11) ...
Processing triggers for libc-bin (2.23-0ubuntu10) ...
computer@c010121:~$ flex
^C
computer@c010121:~$ clear

computer@c010121:~$ ls
2-4.c      a.out      Assignment02.c      chaitanya_lab3a      Desktop      example3.c      f3      lab 2a.c      Pictures      saanya2.c      wh.sh
A2_26.sh  asend.desd.c  calc.sh            chaitanya_lab3a.c    dir          examples.desktop  fact0.sh  lab2a.c      program1.txt  saanya.c      w.txt
A2_26_v2.sh  ASG2.C      calc.txt          chaitanya_lab3b      dir1         executable      fact.txt  lab2.c      program2.txt  steps        xyz.txt
abc      assg3      casei.sh          chaitanya_lab3b.c    dir2         exp2_1.c       file1     Music      program3.txt  table.txt
abc1.txt  assg3.c    casei.txt         chaitanya_lab3.c     dir3         exp2_2.c       first.save  Natspn3.c  program4     Templates
abc.txt   assgn4.c   Chaitanya Kulkarni Assignment 1  chaitanya_labassignment_3.txt  doc1.txt     exp2_3.c       jatin     os.sh      pro.sh       Valbhav-C4
add1.sh   Assign3.i.c  Chaitanya Kulkarni Assignment 2  date.txt            Documents    exp2_4.c       lab2      pa37 asg3.odt  Public      Videos
add.sh    Assign3.c   chaitanya_lab3    denoi

computer@c010121:~$ cd Downloads/
bash: Downloads/: Is a directory
computer@c010121:~$ cd Downloads/
computer@c010121:~/Downloads$ ls
calc.l  calc.y  compstnt.l  compstnt.y  pro.sh  re.sh
computer@c010121:~/Downloads$ flex compstnt.l
computer@c010121:~/Downloads$ ls
calc.l  calc.y  compstnt.l  compstnt.y  lex.yy.c  pro.sh  re.sh
computer@c010121:~/Downloads$ yacc compstnt.y
computer@c010121:~/Downloads$ yacc -d compstnt.y
computer@c010121:~/Downloads$ ls
calc.l  calc.y  compstnt.l  compstnt.y  lex.yy.c  pro.sh  re.sh  y.tab.c  y.tab.h
computer@c010121:~/Downloads$ gcc lex.yy.c y.tab.c
compstnt.l:2:26: fatal error: compstnt.tab.h: No such file or directory
#include "compstnt.tab.h"
^
compilation terminated.
compstnt.y:28:1: warning: return type defaults to 'int' [-Wimplicit-int]
main()
^
computer@c010121:~/Downloads$ gedit compstnt.l
computer@c010121:~/Downloads$ flex compstnt.l
computer@c010121:~/Downloads$ yacc -d compstnt.y
computer@c010121:~/Downloads$ gcc lex.yy.c y.tab.c
compstnt.y:28:1: warning: return type defaults to 'int' [-Wimplicit-int]
main()
^
computer@c010121:~/Downloads$ ./a.out
if a=b
syntax errorcomputer@c010121:~/Downloads$ ./a.out
if(a=b)

;
syntax errorcomputer@c010121:~/Downloads$ ./a.out
if(a=b)a=a+b;
VALID SINGLE STATEMENT IF

;
syntax errorcomputer@c010121:~/Downloads$
```