

jayermi@silo:~\$ ls -CF

```
210redo/          iRandNumInRange.c  P3_Popcount/
readChar.o        vivado_140492.backup.log
B351/            iRandNumInRange.o  P4_Popcount_C/
README           vivado_140620.backup.jou
CeyberApp/       librcw.a           P5_DMA_Popcount/
README.md        vivado_140620.backup.log
coursed/         Makefile          P6_DMA_Popcount_C/
README.mdecho    vivado_152867.backup.jou
courses/         Music/            P6_Dot/          stan.in
vivado_152867.backup.log
Desktop/         myChar.tar.bz2    Pictures/         strCatNew.c
vivado_425068.backup.jou
Documents/       myfile.text       print/           strCatNew.o
vivado_425068.backup.log
Downloads/       myfile.text2      project_0/       strLen.c
vivado_4747.backup.jou
harshChar.tar.bz2 '~myfile.text3'   project_1/       strLen.o
vivado_4747.backup.log
harshChar.tar.bz2.1 my_other_file_text project_2/
Templates/      vivado.jou
Harshrand.c     netster*         project_210/     TESLA/
vivado.log
help           Networks/        Public/          testChar.c
vivado_pid166487.str
hr_util.h      oops/           QuizGrade.c     testChar.o
xsum*
hs_err_pid35758.log OpenSSI/        RB_User/         Videos/
xtestChar*
hs_err_pid4747.log  P2_EMA/         readChar.c
vivado_140492.backup.jou xtestCharRCW*
```

```
jayermi@silo:~$ cd courses
jayermi@silo:~/courses$ mkdir ISE
jayermi@silo:~/courses$ cd ISE
jayermi@silo:~/courses/ISE$ mkdir SP23
jayermi@silo:~/courses/ISE$ cd SP23
jayermi@silo:~/courses/ISE/SP23$ ls
jayermi@silo:~/courses/ISE/SP23$ mkdir E111
jayermi@silo:~/courses/ISE/SP23$ cd E111
jayermi@silo:~/courses/ISE/SP23/E111$ cd ~
jayermi@silo:~$ alias cd111="cd ~/courses/ISE/111"
jayermi@silo:~$ cd111
-bash: cd: /u/jayermi/courses/ISE/111: No such file or directory
jayermi@silo:~$ pwd
/u/jayermi
jayermi@silo:~$ cd ~
jayermi@silo:~$ mkdir tmp
jayermi@silo:~$ cd tmp
jayermi@silo:~/tmp$ echo "hello" > hello.txt
jayermi@silo:~/tmp$ cat hello.txt
hello
jayermi@silo:~/tmp$ man cat
jayermi@silo:~/tmp$ jayermi@silo:~/tmp$
jayermi@silo:~/tmp$ echo "login: my name" >> hello.txt
jayermi@silo:~/tmp$ vim hello.txt
jayermi@silo:~/tmp$ rm courses/ISE/111/ex1/hello.txt
rm: cannot remove 'courses/ISE/111/ex1/hello.txt': No such file or
directory
jayermi@silo:~/tmp$ ls
hello.txt
jayermi@silo:~/tmp$ rm -rf hello.txt
jayermi@silo:~/tmp$ rm -rf ~/tmp/*
```

```
jayermi@silo:~/tmp$ rm man
rm: cannot remove 'man': No such file or directory
jayermi@silo:~/tmp$ man rm
jayermi@silo:~/tmp$ jayermi@silo:~/tmp$
jayermi@silo:~/tmp$ cd~
```

Command 'cd~' not found, did you mean:

```
command 'cdi' from deb cdo (1.9.9~rc1-1)
command 'cdw' from deb cdw (0.8.1-1build4)
command 'cdp' from deb irpas (0.10-7)
command 'cd5' from deb cd5 (0.1-4)
command 'cdb' from deb tinycdb (0.78build1)
command 'cde' from deb cde (0.1+git9-g551e54d-1.1build1)
command 'cdo' from deb cdo (1.9.9~rc1-1)
```

Try: apt install <deb name>

```
jayermi@silo:~/tmp$ cd ~
jayermi@silo:~$ ls
210redo          iRandNumInRange.o  P5_DMA_Popcount
README.mdecho    vivado_152867.backup.jou
B351             librcw.a           P6_DMA_Popcount_C  stan.in
vivado_152867.backup.log
CeyberApp        Makefile           P6_Dot             strCatNew.c
vivado_425068.backup.jou
coursed          Music              Pictures            strCatNew.o
vivado_425068.backup.log
courses          myChar.tar.bz2     print              strLen.c
vivado_4747.backup.jou
```

Desktop myfile.text project_0 strLen.o
vivado_4747.backup.log
Documents myfile.text2 project_1 Templates
vivado.jou
Downloads '~myfile.text3' project_2 TESLA
vivado.log
harshChar.tar.bz2 my_other_file_text project_210
testChar.c vivado_pid166487.str
harshChar.tar.bz2.1 netster Public testChar.o
xsum
Harshrand.c Networks QuizGrade.c tmp
xtestChar
help oops RB_User Videos
xtestCharRCW
hr_util.h OpenSSI readChar.c
vivado_140492.backup.jou
hs_err_pid35758.log P2_EMA readChar.o
vivado_140492.backup.log
hs_err_pid4747.log P3_Popcount README
vivado_140620.backup.jou
iRandNumInRange.c P4_Popcount_C README.md
vivado_140620.backup.log
jayermi@silo:~\$ cd courses
jayermi@silo:~/courses\$ ls
ISE
jayermi@silo:~/courses\$ cd ISE
jayermi@silo:~/courses/ISE\$ ls
SP23
jayermi@silo:~/courses/ISE\$ cd SP23
jayermi@silo:~/courses/ISE/SP23\$ ls
E111

```
jayermi@silo:~/courses/ISE/SP23$ cd E111
jayermi@silo:~/courses/ISE/SP23/E111$ ls
jayermi@silo:~/courses/ISE/SP23/E111$ git clone
https://github.iu.edu/jayermi/E111assignments.git
Cloning into 'E111assignments'...
Username for 'https://github.iu.edu': jayermi
Password for 'https://jayermi@github.iu.edu':
remote: Invalid username or password.
fatal: Authentication failed for
'https://github.iu.edu/jayermi/E111assignments.git/'
jayermi@silo:~/courses/ISE/SP23/E111$ git clone
https://github.iu.edu/jayermi/E111assignments.git
Cloning into 'E111assignments'...
Username for 'https://github.iu.edu': jayermi
Password for 'https://jayermi@github.iu.edu':
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 566 bytes | 4.00 KiB/s, done.
jayermi@silo:~/courses/ISE/SP23/E111$ ls
E111assignments
jayermi@silo:~/courses/ISE/SP23/E111$ cd E111assignments/
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ ls
README.md
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ mkdir
assignment1
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ cd
assignment1/
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignment1$ vim 1.c
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen  
t1$ gcc -std=c18 1.c -o acmcode
```

```
1.c:6:9: error: expected ';' before 'void'
```

```
6 | int main void() {
```

```
    |      ^~~~~~
```

```
    |      ;
```

```
1.c:6:15: error: expected identifier or '(' before ')' token
```

```
6 | int main void() {
```

```
    |      ^
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen  
t1$ vim 1.c
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen  
t1$
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen  
t1$ gcc -std=c18 1.c -o acmcode
```

```
1.c: In function 'main':
```

```
1.c:11:4: warning: implicit declaration of function 'strcpy'
```

```
[-Wimplicit-function-declaration]
```

```
11 | strcpy(father, "Luke I am your father!!!!");
```

```
    |      ^~~~~~
```

```
1.c:11:4: warning: incompatible implicit declaration of built-in  
function 'strcpy'
```

```
1.c:3:1: note: include '<string.h>' or provide a declaration of 'strcpy'
```

```
2 | #include<stdlib.h>
```

```
+++ |+#include <string.h>
```

```
3 |
```

```
1.c:14:9: error: 'str1' undeclared (first use in this function)
```

```
14 | puts(str1);
```

```
    |      ^~~~
```

```
1.c:14:9: note: each undeclared identifier is reported only once for  
each function it appears in
```

1.c:15:9: error: 'str2' undeclared (first use in this function)

```
15 | puts(str2);  
    |      ^~~~
```

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$ vim 1.c

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$ make

make: *** No targets specified and no makefile found. Stop.

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$ gcc -std=c18 1.c -o acmcode

1.c: In function 'main':

1.c:14:9: error: 'str1' undeclared (first use in this function)

```
14 | puts(str1);  
    |      ^~~~
```

1.c:14:9: note: each undeclared identifier is reported only once for
each function it appears in

1.c:15:9: error: 'str2' undeclared (first use in this function)

```
15 | puts(str2);  
    |      ^~~~
```

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$ vim 1.c

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1\$ gcc -std=c18 1.c -o acmcode

1.c: In function 'main':

1.c:14:11: error: 'str1' undeclared (first use in this function)

```
14 | father(str1);  
    |          ^~~~
```

1.c:14:11: note: each undeclared identifier is reported only once for each function it appears in

1.c:14:4: error: called object 'father' is not a function or function pointer

```
14 | father(str1);  
   | ^~~~~~
```

1.c:8:9: note: declared here

```
8 | char father[255];  
  | ^~~~~~
```

1.c:15:8: error: 'str2' undeclared (first use in this function)

```
15 | son(str2);  
   | ^~~~
```

1.c:15:4: error: called object 'son' is not a function or function pointer

```
15 | son(str2);  
   | ^~~
```

1.c:9:9: note: declared here

```
9 | char son[255];  
  | ^~~
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignment1$ vim 1.c
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignment1$
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignment1$ gcc -std=c18 1.c -o acmcode
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignment1$ ./acmcode
```

Luke I am your father!!!!

NO NO NO NO, this can't be!!!!

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignment1$ git add assignment1
```



```
fatal: pathspec 'assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1$ git add assignment1
fatal: pathspec 'assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1$ git add assignment1
fatal: pathspec 'assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1$ git add assignment1
fatal: pathspec 'assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1$ git add E111assignment1
fatal: pathspec 'E111assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1$ git add E111assignment1
fatal: pathspec 'E111assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments/assignmen
t1$ cd ..
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git add
E111assignment1
fatal: pathspec 'E111assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git add
E111assignment1
fatal: pathspec 'E111assignment1' did not match any files
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git add
assignment1
fatal: pathspec 'assignment1' did not match any files
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git add assignment1
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git commit -m "changes"
```

```
[main a0faa01] changes
```

```
Committer: Jay P Ermi <jayermi@silo.luddy.indiana.edu>
```

Your name and email address were configured automatically based on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
2 files changed, 16 insertions(+)
```

```
create mode 100644 assignment1/1.c
```

```
create mode 100755 assignment1/acmcode
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git pusg origin main
```

```
git: 'pusg' is not a git command. See 'git --help'.
```

The most similar command is

```
push
```

```
jayermi@silo:~/courses/ISE/SP23/E111/E111assignments$ git push origin main
```

```
Username for 'https://github.iu.edu': jayermi
```

Password for 'https://jayermi@github.iu.edu':

Enumerating objects: 6, done.

Counting objects: 100% (6/6), done.

Delta compression using up to 48 threads

Compressing objects: 100% (5/5), done.

Writing objects: 100% (5/5), 3.20 KiB | 1.07 MiB/s, done.

Total 5 (delta 0), reused 0 (delta 0)

To https://github.iu.edu/jayermi/E111assignments.git

bc39425..a0faa01 main -> main

jayermi@silo:~/courses/ISE/SP23/E111/E111assignments\$