

```

arnav@kapoor:~/Desktop/globes-3.2.18$ cd examples
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ ls
D-Chooz_far.glb  example2.c  example-tour.c  NFstandard.glb  XCCreactor.dat
D-Chooz_near.glb  example3.c  Makefile        Reactor1.glb    XNC.dat
DocPlots.nb      example4.c  Makefile.in     Reactor.dat
example1         example5.c  myio.c          test1.dat
example1.c       example6.c  myio.h          XCC.dat
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ gcc example2.c myio.c -o example2
$(globes-config --cflags --libs)
myio.c: In function 'InitOutput':
myio.c:32:2: warning: format not a string literal and no format arguments [-Wformat-security]
 32 | if(strlen(THEFILE)==0) printf(headline);
    |   ^~
myio.c:42:5: warning: format not a string literal and no format arguments [-Wformat-security]
 42 |     fprintf(f,headline);
    |     ^~~~~~
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ ./example2
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ ls -lt
total 2880
-rw-rw-r-- 1 arnav arnav  1289 Jun  8 17:16 test2.dat
-rwxrwxr-x 1 arnav arnav 27552 Jun  8 17:16 example2
-rw-rw-r-- 1 arnav arnav 54181 Jun  7 10:51 test1.dat
-rw-r--r-- 1 arnav arnav  3266 Jun  7 10:50 example1.c
-rwxrwxr-x 1 arnav arnav 26128 Jun  7 10:44 example1
-rw-rw-r-- 1 arnav arnav  2879 Jun  7 10:41 Makefile
-rw-r--r-- 1 arnav arnav 17878 Jan 10 2012 example5.c
-rw-r--r-- 1 arnav arnav 142090 Jan 10 2012 XNC.dat
-rw-r--r-- 1 arnav arnav  5161 Nov 21 2007 D-Chooz_far.glb
-rw-r--r-- 1 arnav arnav  5008 Nov 21 2007 D-Chooz_near.glb
-rw-r--r-- 1 arnav arnav 2319930 Nov 21 2007 DocPlots.nb
-rw-r--r-- 1 arnav arnav  4041 Nov 21 2007 example2.c
-rw-r--r-- 1 arnav arnav  3718 Nov 21 2007 example3.c
-rw-r--r-- 1 arnav arnav  7168 Nov 21 2007 example4.c
-rw-r--r-- 1 arnav arnav 10556 Nov 21 2007 example6.c
-rw-r--r-- 1 arnav arnav 10527 Nov 21 2007 example-tour.c
-rw-r--r-- 1 arnav arnav  2871 Nov 21 2007 Makefile.in
-rw-r--r-- 1 arnav arnav  1958 Nov 21 2007 myio.c
-rw-r--r-- 1 arnav arnav  1435 Nov 21 2007 myio.h
-rw-r--r-- 1 arnav arnav  3885 Nov 21 2007 NFstandard.glb
-rw-r--r-- 1 arnav arnav  2113 Nov 21 2007 Reactor1.glb
-rw-r--r-- 1 arnav arnav 37688 Nov 21 2007 Reactor.dat
-rw-r--r-- 1 arnav arnav 66692 Nov 21 2007 XCCreactor.dat
-rw-r--r-- 1 arnav arnav 143902 Nov  7 2007 XCC.dat
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ nano test2.dat
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ gcc example3.c myio.c -o example3
$(globes-config --cflags --libs)
myio.c: In function 'InitOutput':
myio.c:32:2: warning: format not a string literal and no format arguments [-Wformat-security]

```

```

32 | if(strlen(THEFILE)==0) printf(headline);
    | ^~
myio.c:42:5: warning: format not a string literal and no format arguments [-Wformat-security]
42 |     fprintf(f,headline);
    |     ^~~~~~

```

arnav@kapoor:~/Desktop/globes-3.2.18/examples\$./example3

Position of degeneracy: s22th13=0.0276251, deltacp=1.04785; Confidence level: 4.55838

arnav@kapoor:~/Desktop/globes-3.2.18/examples\$ ls -lt

```

total 2964
-rw-rw-r-- 1 arnav arnav  54154 Jun  8 17:16 test3.dat
-rwxrwxr-x 1 arnav arnav  27352 Jun  8 17:16 example3
-rw-rw-r-- 1 arnav arnav   1289 Jun  8 17:16 test2.dat
-rwxrwxr-x 1 arnav arnav  27552 Jun  8 17:16 example2
-rw-rw-r-- 1 arnav arnav  54181 Jun  7 10:51 test1.dat
-rw-r--r-- 1 arnav arnav   3266 Jun  7 10:50 example1.c
-rwxrwxr-x 1 arnav arnav  26128 Jun  7 10:44 example1
-rw-rw-r-- 1 arnav arnav   2879 Jun  7 10:41 Makefile
-rw-r--r-- 1 arnav arnav  17878 Jan 10 2012 example5.c
-rw-r--r-- 1 arnav arnav 142090 Jan 10 2012 XNC.dat
-rw-r--r-- 1 arnav arnav   5161 Nov 21 2007 D-Chooz_far.glb
-rw-r--r-- 1 arnav arnav   5008 Nov 21 2007 D-Chooz_near.glb
-rw-r--r-- 1 arnav arnav 2319930 Nov 21 2007 DocPlots.nb
-rw-r--r-- 1 arnav arnav   4041 Nov 21 2007 example2.c
-rw-r--r-- 1 arnav arnav   3718 Nov 21 2007 exam'ple3.c
-rw-r--r-- 1 arnav arnav   7168 Nov 21 2007 example4.c
-rw-r--r-- 1 arnav arnav  10556 Nov 21 2007 example6.c
-rw-r--r-- 1 arnav arnav  10527 Nov 21 2007 example-tour.c
-rw-r--r-- 1 arnav arnav   2871 Nov 21 2007 Makefile.in
-rw-r--r-- 1 arnav arnav   1958 Nov 21 2007 myio.c
-rw-r--r-- 1 arnav arnav   1435 Nov 21 2007 myio.h
-rw-r--r-- 1 arnav arnav   3885 Nov 21 2007 NFstandard.glb
-rw-r--r-- 1 arnav arnav   2113 Nov 21 2007 Reactor1.glb
-rw-r--r-- 1 arnav arnav  37688 Nov 21 2007 Reactor.dat
-rw-r--r-- 1 arnav arnav  66692 Nov 21 2007 XCCreator.dat
-rw-r--r-- 1 arnav arnav 143902 Nov  7 2007 XCC.dat

```

arnav@kapoor:~/Desktop/globes-3.2.18/examples\$ nano test3.dat

arnav@kapoor:~/Desktop/globes-3.2.18/examples\$ gcc example4.c myio.c -o example4
\$(globes-config --cflags --libs)

myio.c: In function 'InitOutput':

```

myio.c:32:2: warning: format not a string literal and no format arguments [-Wformat-security]
32 | if(strlen(THEFILE)==0) printf(headline);
    | ^~
myio.c:42:5: warning: format not a string literal and no format arguments [-Wformat-security]
42 |     fprintf(f,headline);
    |     ^~~~~~

```

arnav@kapoor:~/Desktop/globes-3.2.18/examples\$./example4

arnav@kapoor:~/Desktop/globes-3.2.18/examples\$ ls -lt

total 3016

```

-rw-rw-r-- 1 arnav arnav 874 Jun 8 17:17 test4d.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun 8 17:17 test4c.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun 8 17:17 test4b.dat
-rw-rw-r-- 1 arnav arnav 1299 Jun 8 17:17 test4a.dat
-rwxrwxr-x 1 arnav arnav 32920 Jun 8 17:17 example4
-rw-rw-r-- 1 arnav arnav 54154 Jun 8 17:16 test3.dat
-rwxrwxr-x 1 arnav arnav 27352 Jun 8 17:16 example3
-rw-rw-r-- 1 arnav arnav 1289 Jun 8 17:16 test2.dat
-rwxrwxr-x 1 arnav arnav 27552 Jun 8 17:16 example2
-rw-rw-r-- 1 arnav arnav 54181 Jun 7 10:51 test1.dat
-rw-r--r-- 1 arnav arnav 3266 Jun 7 10:50 example1.c
-rwxrwxr-x 1 arnav arnav 26128 Jun 7 10:44 example1
-rw-rw-r-- 1 arnav arnav 2879 Jun 7 10:41 Makefile
-rw-r--r-- 1 arnav arnav 17878 Jan 10 2012 example5.c
-rw-r--r-- 1 arnav arnav 142090 Jan 10 2012 XNC.dat
-rw-r--r-- 1 arnav arnav 5161 Nov 21 2007 D-Chooz_far.glb
-rw-r--r-- 1 arnav arnav 5008 Nov 21 2007 D-Chooz_near.glb
-rw-r--r-- 1 arnav arnav 2319930 Nov 21 2007 DocPlots.nb
-rw-r--r-- 1 arnav arnav 4041 Nov 21 2007 example2.c
-rw-r--r-- 1 arnav arnav 3718 Nov 21 2007 example3.c
-rw-r--r-- 1 arnav arnav 7168 Nov 21 2007 example4.c
-rw-r--r-- 1 arnav arnav 10556 Nov 21 2007 example6.c
-rw-r--r-- 1 arnav arnav 10527 Nov 21 2007 example-tour.c
-rw-r--r-- 1 arnav arnav 2871 Nov 21 2007 Makefile.in
-rw-r--r-- 1 arnav arnav 1958 Nov 21 2007 myio.c
-rw-r--r-- 1 arnav arnav 1435 Nov 21 2007 myio.h
-rw-r--r-- 1 arnav arnav 3885 Nov 21 2007 NFstandard.glb
-rw-r--r-- 1 arnav arnav 2113 Nov 21 2007 Reactor1.glb
-rw-r--r-- 1 arnav arnav 37688 Nov 21 2007 Reactor.dat
-rw-r--r-- 1 arnav arnav 66692 Nov 21 2007 XCCreactor.dat
-rw-r--r-- 1 arnav arnav 143902 Nov 7 2007 XCC.dat

```

`arnav@kapoor:~/Desktop/globes-3.2.18/examples$ nano test4a.dat`

`arnav@kapoor:~/Desktop/globes-3.2.18/examples$ gcc example5.c myio.c -o example5`

`$(globes-config --cflags --libs)`

`myio.c: In function 'InitOutput':`

`myio.c:32:2: warning: format not a string literal and no format arguments [-Wformat-security]`

```

32 | if(strlen(THEFILE)==0) printf(headline);
    | ^~

```

`| ^~`

`myio.c:42:5: warning: format not a string literal and no format arguments [-Wformat-security]`

```

42 | fprintf(f,headline);
    | ^~~~~~

```

`| ^~~~~~`

`arnav@kapoor:~/Desktop/globes-3.2.18/examples$./example5`

GSL Error in file brent.c:74 : invalid argument supplied by user

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GSL Error in file brent.c:74 : invalid argument supplied by user

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GSL Error in file brent.c:74 : invalid argument supplied by user

GSL Error in file brent.c:74 : invalid argument supplied by user

[arnav@kapoor:~/Desktop/globes-3.2.18/examples\\$ ls -lt](#)

total 3088

```
-rw-rw-r-- 1 arnav arnav 587 Jun 8 17:18 test5e.dat
-rw-rw-r-- 1 arnav arnav 588 Jun 8 17:18 test5d.dat
-rw-rw-r-- 1 arnav arnav 588 Jun 8 17:18 test5c.dat
-rw-rw-r-- 1 arnav arnav 590 Jun 8 17:18 test5b.dat
-rw-rw-r-- 1 arnav arnav 591 Jun 8 17:18 test5a.dat
-rwxrwxr-x 1 arnav arnav 50712 Jun 8 17:18 example5
-rw-rw-r-- 1 arnav arnav 874 Jun 8 17:17 test4d.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun 8 17:17 test4c.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun 8 17:17 test4b.dat
-rw-rw-r-- 1 arnav arnav 1299 Jun 8 17:17 test4a.dat
-rwxrwxr-x 1 arnav arnav 32920 Jun 8 17:17 example4
-rw-rw-r-- 1 arnav arnav 54154 Jun 8 17:16 test3.dat
-rwxrwxr-x 1 arnav arnav 27352 Jun 8 17:16 example3
-rw-rw-r-- 1 arnav arnav 1289 Jun 8 17:16 test2.dat
-rwxrwxr-x 1 arnav arnav 27552 Jun 8 17:16 example2
-rw-rw-r-- 1 arnav arnav 54181 Jun 7 10:51 test1.dat
-rw-r--r-- 1 arnav arnav 3266 Jun 7 10:50 example1.c
-rwxrwxr-x 1 arnav arnav 26128 Jun 7 10:44 example1
-rw-rw-r-- 1 arnav arnav 2879 Jun 7 10:41 Makefile
-rw-r--r-- 1 arnav arnav 17878 Jan 10 2012 example5.c
-rw-r--r-- 1 arnav arnav 142090 Jan 10 2012 XNC.dat
-rw-r--r-- 1 arnav arnav 5161 Nov 21 2007 D-Chooz_far.glb
-rw-r--r-- 1 arnav arnav 5008 Nov 21 2007 D-Chooz_near.glb
-rw-r--r-- 1 arnav arnav 2319930 Nov 21 2007 DocPlots.nb
-rw-r--r-- 1 arnav arnav 4041 Nov 21 2007 example2.c
-rw-r--r-- 1 arnav arnav 3718 Nov 21 2007 example3.c
-rw-r--r-- 1 arnav arnav 7168 Nov 21 2007 example4.c
-rw-r--r-- 1 arnav arnav 10556 Nov 21 2007 example6.c
-rw-r--r-- 1 arnav arnav 10527 Nov 21 2007 example-tour.c
-rw-r--r-- 1 arnav arnav 2871 Nov 21 2007 Makefile.in
-rw-r--r-- 1 arnav arnav 1958 Nov 21 2007 myio.c
-rw-r--r-- 1 arnav arnav 1435 Nov 21 2007 myio.h
-rw-r--r-- 1 arnav arnav 3885 Nov 21 2007 NFstandard.glb
-rw-r--r-- 1 arnav arnav 2113 Nov 21 2007 Reactor1.glb
-rw-r--r-- 1 arnav arnav 37688 Nov 21 2007 Reactor.dat
-rw-r--r-- 1 arnav arnav 66692 Nov 21 2007 XCCreactor.dat
-rw-r--r-- 1 arnav arnav 143902 Nov 7 2007 XCC.dat
```

[arnav@kapoor:~/Desktop/globes-3.2.18/examples\\$ nano test5a.dat](#)

[arnav@kapoor:~/Desktop/globes-3.2.18/examples\\$ gcc example6.c myio.c -o example6 \\$\(globes-config --cflags --libs\)](#)

myio.c: In function 'InitOutput':

myio.c:32:2: warning: format not a string literal and no format arguments [-Wformat-security]

```
32 | if(strlen(THFILE)==0) printf(headline);
```

```
    | ^~
```

myio.c:42:5: warning: format not a string literal and no format arguments [-Wformat-security]

```
42 | fprintf(f,headline);
```

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

```
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ ./example6
```

```
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ ls -lt
```

```
total 3132
```

```
-rw-rw-r-- 1 arnav arnav 2594 Jun  8 17:18 test6b.dat
-rw-rw-r-- 1 arnav arnav 2600 Jun  8 17:18 test6a.dat
-rwxrwxr-x 1 arnav arnav 34240 Jun  8 17:18 example6
-rw-rw-r-- 1 arnav arnav 587 Jun  8 17:18 test5e.dat
-rw-rw-r-- 1 arnav arnav 588 Jun  8 17:18 test5d.dat
-rw-rw-r-- 1 arnav arnav 588 Jun  8 17:18 test5c.dat
-rw-rw-r-- 1 arnav arnav 590 Jun  8 17:18 test5b.dat
-rw-rw-r-- 1 arnav arnav 591 Jun  8 17:18 test5a.dat
-rwxrwxr-x 1 arnav arnav 50712 Jun  8 17:18 example5
-rw-rw-r-- 1 arnav arnav 874 Jun  8 17:17 test4d.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun  8 17:17 test4c.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun  8 17:17 test4b.dat
-rw-rw-r-- 1 arnav arnav 1299 Jun  8 17:17 test4a.dat
-rwxrwxr-x 1 arnav arnav 32920 Jun  8 17:17 example4
-rw-rw-r-- 1 arnav arnav 54154 Jun  8 17:16 test3.dat
-rwxrwxr-x 1 arnav arnav 27352 Jun  8 17:16 example3
-rw-rw-r-- 1 arnav arnav 1289 Jun  8 17:16 test2.dat
-rwxrwxr-x 1 arnav arnav 27552 Jun  8 17:16 example2
-rw-rw-r-- 1 arnav arnav 54181 Jun  7 10:51 test1.dat
-rw-r--r-- 1 arnav arnav 3266 Jun  7 10:50 example1.c
-rwxrwxr-x 1 arnav arnav 26128 Jun  7 10:44 example1
-rw-rw-r-- 1 arnav arnav 2879 Jun  7 10:41 Makefile
-rw-r--r-- 1 arnav arnav 17878 Jan 10 2012 example5.c
-rw-r--r-- 1 arnav arnav 142090 Jan 10 2012 XNC.dat
-rw-r--r-- 1 arnav arnav 5161 Nov 21 2007 D-Chooz_far.glb
-rw-r--r-- 1 arnav arnav 5008 Nov 21 2007 D-Chooz_near.glb
-rw-r--r-- 1 arnav arnav 2319930 Nov 21 2007 DocPlots.nb
-rw-r--r-- 1 arnav arnav 4041 Nov 21 2007 example2.c
-rw-r--r-- 1 arnav arnav 3718 Nov 21 2007 example3.c
-rw-r--r-- 1 arnav arnav 7168 Nov 21 2007 example4.c
-rw-r--r-- 1 arnav arnav 10556 Nov 21 2007 example6.c
-rw-r--r-- 1 arnav arnav 10527 Nov 21 2007 example-tour.c
-rw-r--r-- 1 arnav arnav 2871 Nov 21 2007 Makefile.in
-rw-r--r-- 1 arnav arnav 1958 Nov 21 2007 myio.c
-rw-r--r-- 1 arnav arnav 1435 Nov 21 2007 myio.h
-rw-r--r-- 1 arnav arnav 3885 Nov 21 2007 NFstandard.glb
-rw-r--r-- 1 arnav arnav 2113 Nov 21 2007 Reactor1.glb
-rw-r--r-- 1 arnav arnav 37688 Nov 21 2007 Reactor.dat
-rw-r--r-- 1 arnav arnav 66692 Nov 21 2007 XCCreactor.dat
-rw-r--r-- 1 arnav arnav 143902 Nov  7 2007 XCC.dat
```

```
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ nano test6a.dat
```

```
arnav@kapoor:~/Desktop/globes-3.2.18/examples$ gcc example-tour.c myio.c -o
example-tour $(globes-config --cflags --libs)
```

myio.c: In function 'InitOutput':

myio.c:32:2: warning: format not a string literal and no format arguments [-Wformat-security]

```
32 | if(strlen(THEFILE)==0) printf(headline);
```

```
| ^~
```

myio.c:42:5: warning: format not a string literal and no format arguments [-Wformat-security]

```
42 |     fprintf(f,headline);
```

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

[arnav@kapoor:~/Desktop/globes-3.2.18/examples\\$./example-tour](#)

[arnav@kapoor:~/Desktop/globes-3.2.18/examples\\$ ls -lt](#)

total 3184

```
-rw-rw-r-- 1 arnav arnav 1910 Jun 8 17:20 gl-tour.dat
-rwxrwxr-x 1 arnav arnav 46008 Jun 8 17:19 example-tour
-rw-rw-r-- 1 arnav arnav 2594 Jun 8 17:18 test6b.dat
-rw-rw-r-- 1 arnav arnav 2600 Jun 8 17:18 test6a.dat
-rwxrwxr-x 1 arnav arnav 34240 Jun 8 17:18 example6
-rw-rw-r-- 1 arnav arnav 587 Jun 8 17:18 test5e.dat
-rw-rw-r-- 1 arnav arnav 588 Jun 8 17:18 test5d.dat
-rw-rw-r-- 1 arnav arnav 588 Jun 8 17:18 test5c.dat
-rw-rw-r-- 1 arnav arnav 590 Jun 8 17:18 test5b.dat
-rw-rw-r-- 1 arnav arnav 591 Jun 8 17:18 test5a.dat
-rwxrwxr-x 1 arnav arnav 50712 Jun 8 17:18 example5
-rw-rw-r-- 1 arnav arnav 874 Jun 8 17:17 test4d.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun 8 17:17 test4c.dat
-rw-rw-r-- 1 arnav arnav 1291 Jun 8 17:17 test4b.dat
-rw-rw-r-- 1 arnav arnav 1299 Jun 8 17:17 test4a.dat
-rwxrwxr-x 1 arnav arnav 32920 Jun 8 17:17 example4
-rw-rw-r-- 1 arnav arnav 54154 Jun 8 17:16 test3.dat
-rwxrwxr-x 1 arnav arnav 27352 Jun 8 17:16 example3
-rw-rw-r-- 1 arnav arnav 1289 Jun 8 17:16 test2.dat
-rwxrwxr-x 1 arnav arnav 27552 Jun 8 17:16 example2
-rw-rw-r-- 1 arnav arnav 54181 Jun 7 10:51 test1.dat
-rw-r--r-- 1 arnav arnav 3266 Jun 7 10:50 example1.c
-rwxrwxr-x 1 arnav arnav 26128 Jun 7 10:44 example1
-rw-rw-r-- 1 arnav arnav 2879 Jun 7 10:41 Makefile
-rw-r--r-- 1 arnav arnav 17878 Jan 10 2012 example5.c
-rw-r--r-- 1 arnav arnav 142090 Jan 10 2012 XNC.dat
-rw-r--r-- 1 arnav arnav 5161 Nov 21 2007 D-Chooz_far.glb
-rw-r--r-- 1 arnav arnav 5008 Nov 21 2007 D-Chooz_near.glb
-rw-r--r-- 1 arnav arnav 2319930 Nov 21 2007 DocPlots.nb
-rw-r--r-- 1 arnav arnav 4041 Nov 21 2007 example2.c
-rw-r--r-- 1 arnav arnav 3718 Nov 21 2007 example3.c
-rw-r--r-- 1 arnav arnav 7168 Nov 21 2007 example4.c
-rw-r--r-- 1 arnav arnav 10556 Nov 21 2007 example6.c
-rw-r--r-- 1 arnav arnav 10527 Nov 21 2007 example-tour.c
-rw-r--r-- 1 arnav arnav 2871 Nov 21 2007 Makefile.in
-rw-r--r-- 1 arnav arnav 1958 Nov 21 2007 myio.c
-rw-r--r-- 1 arnav arnav 1435 Nov 21 2007 myio.h
-rw-r--r-- 1 arnav arnav 3885 Nov 21 2007 NFstandard.glb
```

```
-rw-r--r-- 1 arnav arnav 2113 Nov 21 2007 Reactor1.glb  
-rw-r--r-- 1 arnav arnav 37688 Nov 21 2007 Reactor.dat  
-rw-r--r-- 1 arnav arnav 66692 Nov 21 2007 XCReactor.dat  
-rw-r--r-- 1 arnav arnav 143902 Nov 7 2007 XCC.dat  
arnav@kapoor:~/Desktop/globes-3.2.18/examples\$ nano gl-tour.dat
```