



cody@fedora:~/Code/scc-cis-23/homework-1



```
[cody@fedora homework-1 (git:hw1)]$ ls
bookType.cpp  bookType.h.gch  memberType.cpp  memberType.h.gch
bookType.h    main.cpp        memberType.h    structExercise.cpp
[cody@fedora homework-1 (git:hw1)]$ g++ structExercise.cpp -std=c++11 -o struct
[cody@fedora homework-1 (git:hw1)]$ ls
bookType.cpp  bookType.h.gch  memberType.cpp  memberType.h.gch  structExercise.cpp
bookType.h    main.cpp        memberType.h    struct
[cody@fedora homework-1 (git:hw1)]$ ./struct
Enter x and y coordinates: 1 2
Enter a second x and y coordinate: 3 4
The distance between (1, 2) and (3, 4) is 2.82843.
[cody@fedora homework-1 (git:hw1)]$
```

```
[cody@fedora homework-1 (git:hw1)]$ ls
bookType.cpp  bookType.h.gch  memberType.cpp  memberType.h.gch
bookType.h    main.cpp        memberType.h    struct-example
[cody@fedora homework-1 (git:hw1)]$ g++ *.h *.cpp -std=c++11 -o main
[cody@fedora homework-1 (git:hw1)]$ ls
bookType.cpp  bookType.h.gch  main.cpp        memberType.h    struct-example
bookType.h    main            memberType.cpp  memberType.h.gch
[cody@fedora homework-1 (git:hw1)]$ ./main
Before purchase...
~~~~~
Title:  Complex Analysis
Author: Joseph Bak
ISBN:   0-387-90615-0
        Price: $45.93
        Number sold:      0
        Number in stock: 25

Member name: Vig, Cody
Member ID: 101909650
        Number of books purchased: 0
        Amount spent: $0.00

Thank you for your purchase, Cody!

After purchase...
~~~~~
Title:  Complex Analysis
Author: Joseph Bak
ISBN:   0-387-90615-0
        Price: $45.93
        Number sold:      1
        Number in stock: 24

Member name: Vig, Cody
Member ID: 101909650
        Number of books purchased: 1
        Amount spent: $45.93

[cody@fedora homework-1 (git:hw1)]$
```