

```
[cody@fedora 🍁 homework-2 (git:hw2-pass-by-reference)]$ ls
circleType.cpp circleType.h main.cpp pointType.cpp pointType.h shapeType.cpp shapeType.h
[cody@fedora 🍁 homework-2 (git:hw2-pass-by-reference)]$ g++ *.h *.cpp -Wall -pedantic -std=c++11 -o out
[cody@fedora 🍁 homework-2 (git:hw2-pass-by-reference)]$ ls
circleType.cpp circleType.h main.cpp out pointType.cpp pointType.h shapeType.cpp shapeType.h
[cody@fedora 🍁 homework-2 (git:hw2-pass-by-reference)]$ ./out
Enter first circle's center x coordinate: 1
Enter first circle's center y coordinate: 2
Enter first circle's radius: 1
Enter second circle's center x coordinate: 1
Enter second circle's center y coordinate: 2
Enter second circle's radius: 2

Circle 1 information:
~~~~~
2D shape
    Area = 3.1
    Perimeter = 6.3
    Radius = 1
    Center: (1, 2)

Circle 2 information:
~~~~~
2D shape
    Area = 13
    Perimeter = 13
    Radius = 2
    Center: (1, 2)

The two circles are concentric.
[cody@fedora 🍁 homework-2 (git:hw2-pass-by-reference)]$
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