

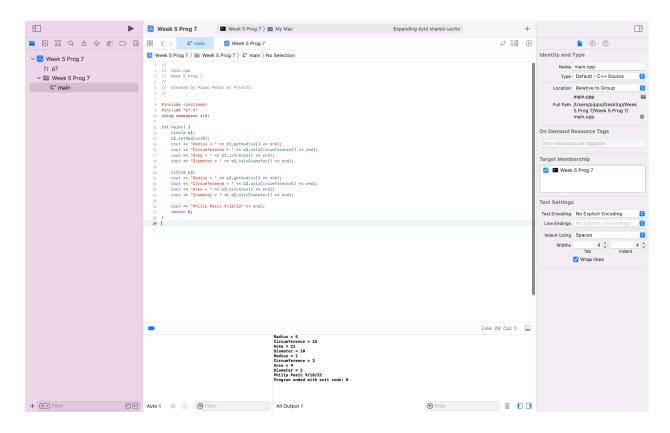
## Philip Pesic

## Week 5

## September 18 2022

## Week 5 Prog 7

```
#include <iostream>
#include "p7.h"
using namespace std;
int main() {
  circle c1;
  c1.setRadius(5);
  cout << "Radius = " << c1.getRadius() << endl;
  cout << "Circumference = " << c1.calcCircumference() << endl;</pre>
  cout << "Area = " << c1.calcArea() << endl;
  cout << "Diameter = " << c1.calcDiameter() << endl;</pre>
  circle c2;
  cout << "Radius = " << c2.getRadius() << endl;</pre>
  cout << "Circumference = " << c2.calcCircumference() << endl;</pre>
  cout << "Area = " << c2.calcArea() << endl;
  cout << "Diameter = " << c2.calcDiameter() << endl;</pre>
  cout << "Philip Pesic 9/18/22" << endl;
  return 0;
```



I practiced writing and importing .h files into a program

Philip Pesic

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circle

-radius: int;

+calcArea (area: int) return pi \* radius^2

+calcCircumference (circumference: int) return 2\*pi\*radius +calcDiameter (diameter: int) return 2\*radius