```cpp
//
//  main.cpp
//  A6
//
//  Created by Nicholas Brown on 3/30/25.
//

#include <iostream>
using std:: cout, std:: cin, std:: endl;

class Circle{
    //member variables
private:
    double radius;
    const double pi = 3.14159;
public:

    // Default constructor
    Circle() : radius(0.0) {}
```

Please enter your circle's radius: 2.3

Area: 16.619 Diameter: 4.6 Circumference: 14.4513
Program ended with exit code: 0

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    // Default constructor
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```

```
Please enter your circle's radius: 23

Area: 1661.9 Diameter: 46 Circumference: 144.513
Program ended with exit code: 0
```

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class Circle{
    //member variables
private:
    double radius;
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public:

    // Default constructor
    Circle() : radius(0.0) {}
```

```
Please enter your circle's radius: 10

Area: 314.159 Diameter: 20 Circumference: 62.8318
Program ended with exit code: 0
```