

New chat



C++

Copy code

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#include <iostream>

using namespace std;

class Shape {
protected:
    double width, height;

public:
    Shape(double w = 0, double h = 0) {
        width = w;
        height = h;
    }

    virtual double area() {
        cout << "Parent class area :" << endl;
        return 0;
    }
};

class Rectangle: public Shape {
public:
    Rectangle(double w = 0, double h = 0): Shape(w, h) { }

    double area() {
        cout << "Rectangle class area :" << endl;
        return (width * height);
    }
};

class Triangle: public Shape {
public:
    Triangle(double w = 0, double h = 0): Shape(w, h) { }

    double area() {
```

