```java
abstract class Shape{
    double dim1,dim2;
    abstract double printArea();
}

class Rectangle extends Shape{
    Rectangle(double a, double b){
        dim1 = a;
        dim2 = b;
    }
    double printArea(){
        System.out.println("Inside the Rectangle");
        return dim1*dim2;
    }
}

class Triangle extends Shape{
    Triangle(double a, double b){
        dim1 = a;
        dim2 = b;
    }
    double printArea(){
        System.out.println("Inside the Triangle");
        return dim1*dim2/2;
    }
}

class Circle extends Shape{
    Circle(double a){
        dim1 = a;
    }
    double printArea(){
        System.out.println("Inside the Circle");
        return 3.14*dim1*dim1;
    }
}

class abs1Main{
    public static void main(String args[]){
        Rectangle r = new Rectangle(10,20);
```

Line 1, Column 1

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```
    }
    double printArea(){
        System.out.println("Inside the Rectangle");
        return dim1*dim2;
    }
}

class Triangle extends Shape{
    Triangle(double a, double b){
        dim1 = a;
        dim2 = b;
    }
    double printArea(){
        System.out.println("Inside the Triangle");
        return dim1*dim2/2;
    }
}

class Circle extends Shape{
    Circle(double a){
        dim1 = a;
    }
    double printArea(){
        System.out.println("Inside the Circle");
        return 3.14*dim1*dim1;
    }
}

class abs1Main{
    public static void main(String args[]){
        Rectangle r = new Rectangle(10,20);
        Triangle t = new Triangle(20,30);
        Circle c = new Circle(35);

        System.out.println("Area of Rectangle is:" +r.printArea());
        System.out.println("Area of Triangle is:" +t.printArea());
        System.out.println("Area of Circle is:" +c.printArea());
    }
}
```

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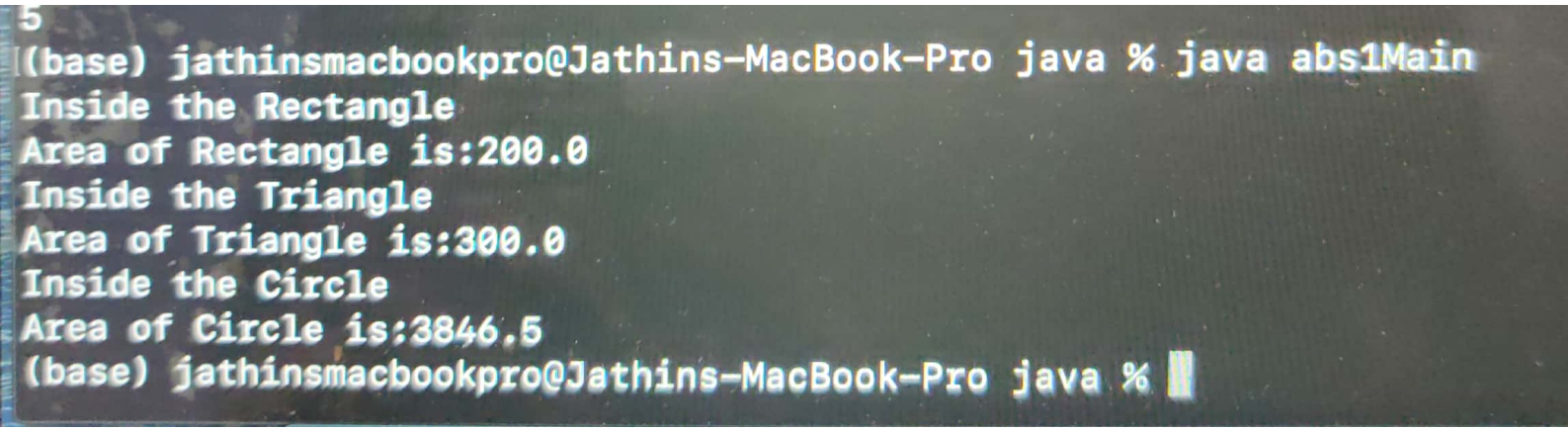

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