

# Class (1A)

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# Implicit Parameter

```
public class Circle
{
    public double r;

    Public double area() {
        return 3.14 * r * r;
    }
}
```

```
public class Circle
{
    public double this.r;

    Public double this.area() {
        return 3.14 * r * r;
    }
}
```

**implicit parameter:** *this*

# Implicit Parameter and Object

```
public class Circle
{
    public double this.r;

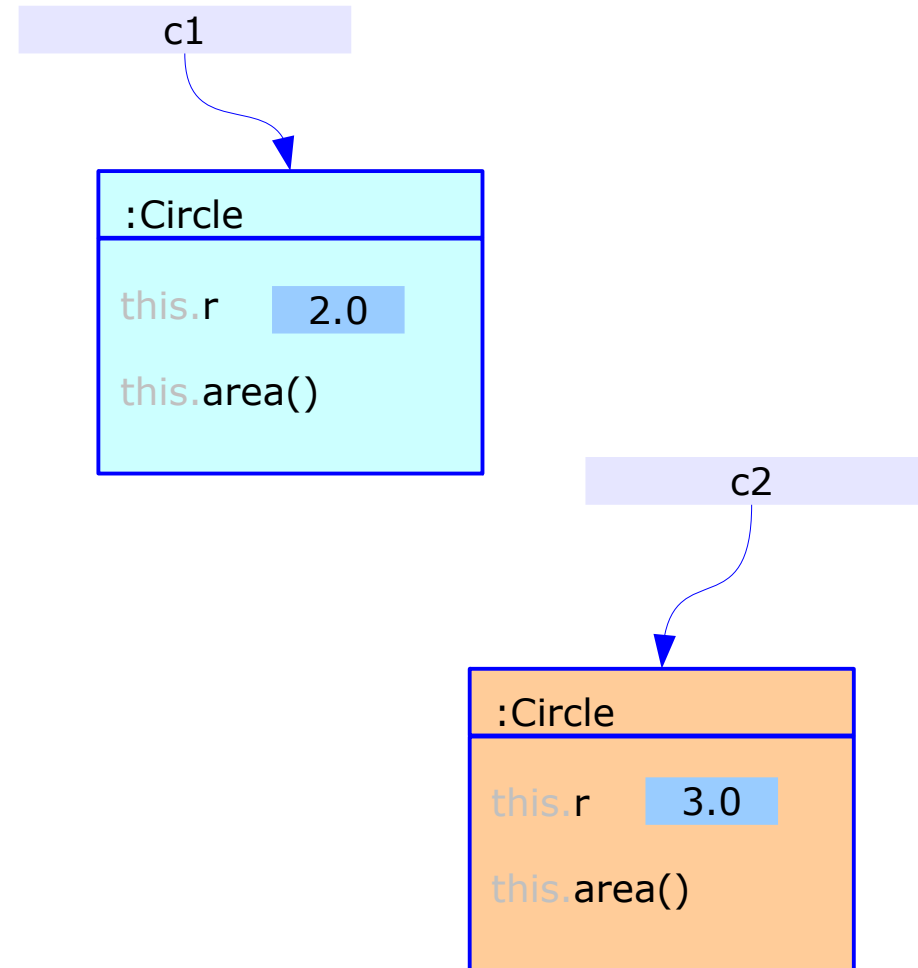
    Public double this.area() {
        return 3.14 * r * r;
    }
}
```

```
Circle c1 = new Circle();
Circle c2 = new Circle();

c1.r = 2.0;
c2.r = 3.0;

c1.area();
c2.area();
```

**implicit parameter:** *this*



## References

- [1] Java in a nutshell, 4<sup>th</sup> ed, David Flanagan
- [2] An Introduction to Object-Oriented Programming with Java, C. Thomas, Wu
- [3] Power Java, I. K. Chun (in Korean)