

# DAY-30(Access Modifier)

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Which is the most restrictive access modifier in Java?

☐ protected

☒ private

☐ public

☐ default

**Correct**

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What is the correct order of access modifiers from the most restrictive to the least restrictive?

- ☐ public, protected, default, private
- ☐ public, default, protected, private
- ☐ private, protected, default, public
- ☒ private, default, protected, public

**Correct**

Predict the output -

```
class SuperClass {  
    public final void showSample() {  
        System.out.println("One thing.");  
    }  
}  
class Subclass extends SuperClass {  
    public void showSample() {  
        System.out.println("Hello");  
    }  
    public static void main(String[] args) {  
        Subclass obj = new Subclass();  
        obj.showSample();  
    }  
}
```

- ☐ One thing. Hello
- ☐ One thing.
- ☒ code does not compile.
- ☐ Hello

**Correct**

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Which is the keyword used to specify the DEFAULT access modifier in java?

☐ default

☒ there is no keyword

☐ normal

☐ bydefault

**Correct**

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Which are access modifiers below in Java?

- ☐ private
- ☐ public
- ☐ protected

☒ All the above

**Correct**