

# Quiz

Let's test your understanding of the concept of polymorphism with the help of a short quiz.

1

What is the output of the following piece of code?

```
class Base {  
  
    public Base() {}  
    public void print() {  
        System.out.println("Base");  
    }  
}  
  
class Derived extends Base {  
  
    public Derived() {}  
    public void print() {  
        System.out.println("Derived");  
    }  
}  
  
class Demo {  
  
    public static void main(String args[]) {  
        Base obj = new Derived();  
        obj.print();  
    }  
}
```

☐ A) Base

- ☐ B) Base  
Derived
- ☐ C) Derived
- ☐ D) None of the above

2

What is the output of the following piece of code?

```
class Base {  
  
    public Base() {}  
    public void print() {  
        System.out.println("Base");  
    }  
}  
  
class Derived extends Base {  
  
    public Derived() {}  
    public void print() {  
        super.print();  
        System.out.println("Derived");  
    }  
}  
  
class Demo {  
    public static void main(String args[]) {  
        Base obj = new Derived();  
        obj.print();  
    }  
}
```

- ☐ A) Base

☐ B) Base  
Derived

☐ C) Derived

☐ D) None of the above

3

We can not override the `final` method.

☐ A) True

☐ B) False

4

Following condition/s must be satisfied for the Method Overriding:

☐ A) Method name must be the same

☐ B) Parameters must be the same

☐ C) Return type must be the same

☐ D) All of the above

☐ All of the above

5

We can not overload a method in the same class.

☐ A) True

☐ B) False

CHECK ANSWERS