

```
public class HelloWorld{

    public static void main(String[] args){
        int k = 10;

        // using if statement
        if (k < 15) {
            System.out.println("10 is less than 15"); // 10 小於 15
        }

        System.out.println("Outside if-block"); // 在 if 條件式之外

        // both statements will be printed(兩個字串陳述會被印出)
    }

}
```

```
public class HelloWorld{

    public static void main(String args[]) {
        String str = "Hello Taiwan!";
        int i = 4;
        int j = 0;

        // if block
        if (i == 4) {
            j = i++; // Post-Increment: Uses value first, then increments.(事後遞增：取值先，然後遞增)
            System.out.println(str);
        }

        // Executed by default
        System.out.println("i = " + i);
        System.out.println("j = " + j);
    }

}
```

```
public class HelloWorld{

    public static void main(String[] args) {
        boolean a = true;
        boolean b = false;

        if (a) {
            System.out.println("a is true");
        } else {
            System.out.println("a is false");
        }

        if (b) {
            System.out.println("b is true");
        } else {
            System.out.println("b is false");
        }
    }
}
```