

3. Correct the following codes if necessary and write down the output without running it.

```
public class NestedSwitchExample {  
    public static void main(String[] args) {  
        int i = 0, j = 1;  
        switch(i)  
        {  
            case 0:  
                switch(j)  
                {  
                    case 0:  
                        System.out.println("i is 0, j is 0");  
                        break;  
                    case 1:  
                        System.out.println("i is 0, j is 1");  
                        break;  
                    default:  
                        System.out.println("nested default case!!");  
                }  
                break;  
            default:  
                System.out.println("No matching case found!!");  
        }  
    }  
}
```

i is 0, j is 1