

```
Class 01: final class Student {  
    final int marks = 100; f  
    final void display(); }  
Class 02:  
class Undergraduate extends Student{}
```

A compilation error will appear if you attempt to compile this code. The Student class is declared as final, therefore it cannot be subclassed, which will result in the error. The final requirement is violated when you try to extend the Student class with Undergraduate, and the compiler will give an error. If you want to subclass the Student class, you should delete the final keyword from the definition in order to fix this.