**final class Student {**

**final int marks = 100;**

**final void display();**

**}**

**class Undergraduate extends Student { }**

**Outcome**

**The code will result in compilation errors due to the following reasons:**

Class 02 (Undergraduate class) cannot be created because the Student is declared as a final class.

The display() method in the Student class does not have an implementation, resulting in a compilation error.

The display() method is also declared as final, which prevents any subclasses from overriding it, causing another compilation error when attempting to create a subclass