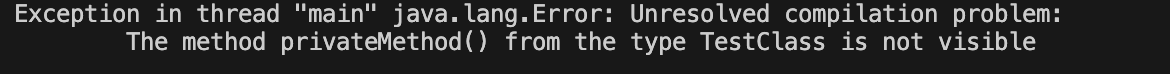
When the main method runs:

1. **"Main start"** is printed.
2. An instance of TestClass (testClass) is created.
3. **protectedMethod() is called** successfully because protectedMethod() has protected visibility, which allows it to be accessed from **within the same package.**
   * The output "protected method run successfully!" is printed.
4. The program then **attempts to call testClass.privateMethod()**, which **causes a compilation error.**

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**Reason for the Compilation Error**

The line testClass.privateMethod(); causes a compilation error because privateMethod() **has private access**. This means it cannot be called from outside the TestClass, not even by the Main class, which is in the same file but not the same class. The privateMethod() is strictly restricted to the TestClass scope, so trying to access it from the Main class violates the access control rules.

To fix this, you can either:

* Change privateMethod() to **protected or public** if you want it accessible from Main.