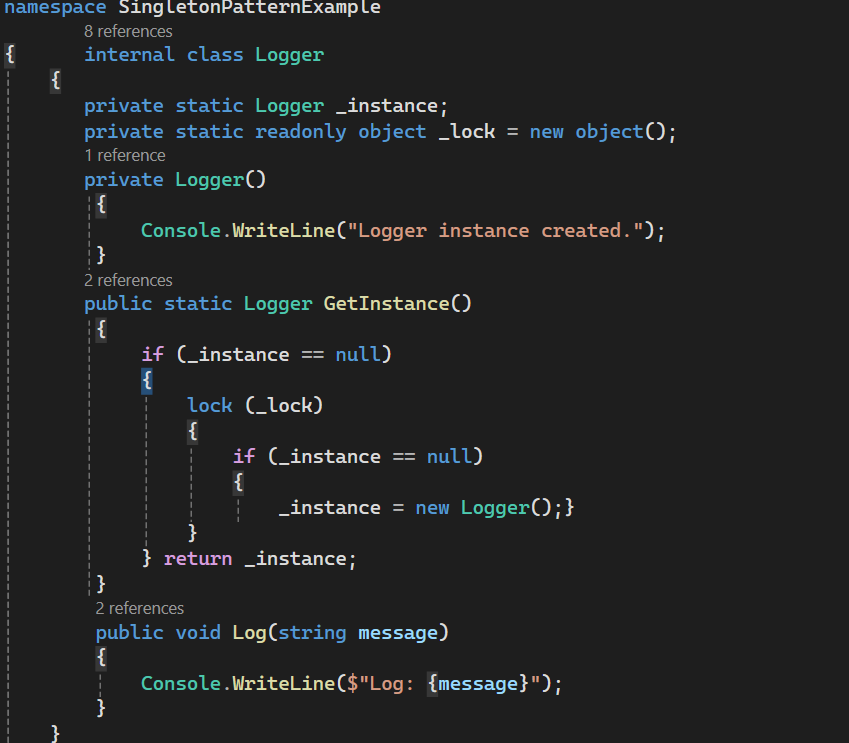
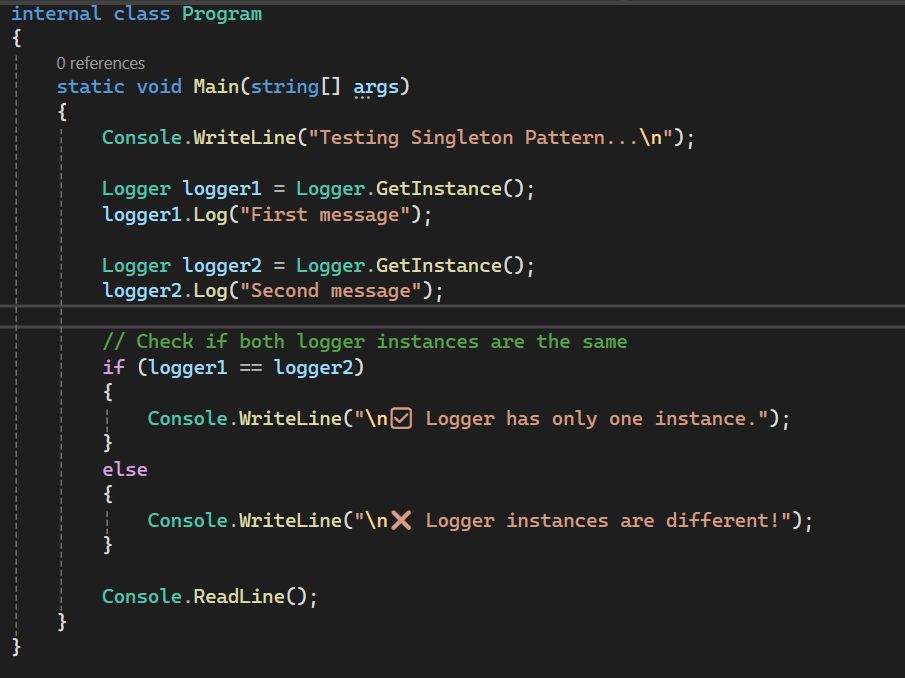
**WEEK 1 : DESIGN PRINCIPLES AND PATTERNS**

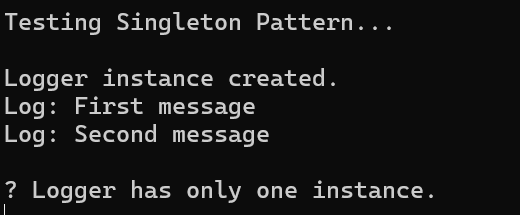
**Exercise 1: Implementing the Singleton Pattern**

**Code:**

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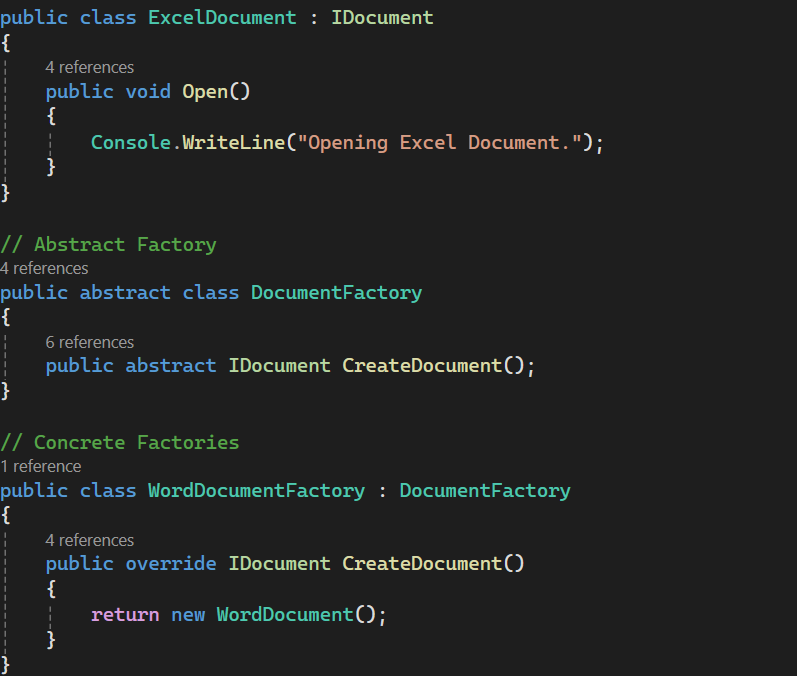
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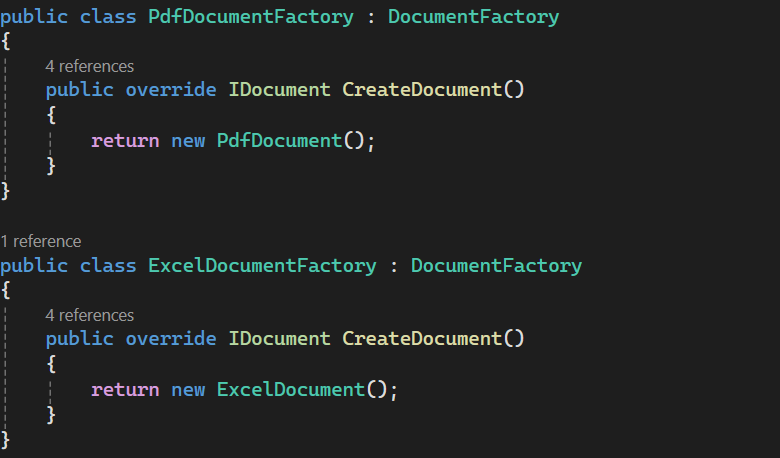
**OUTPUT:**

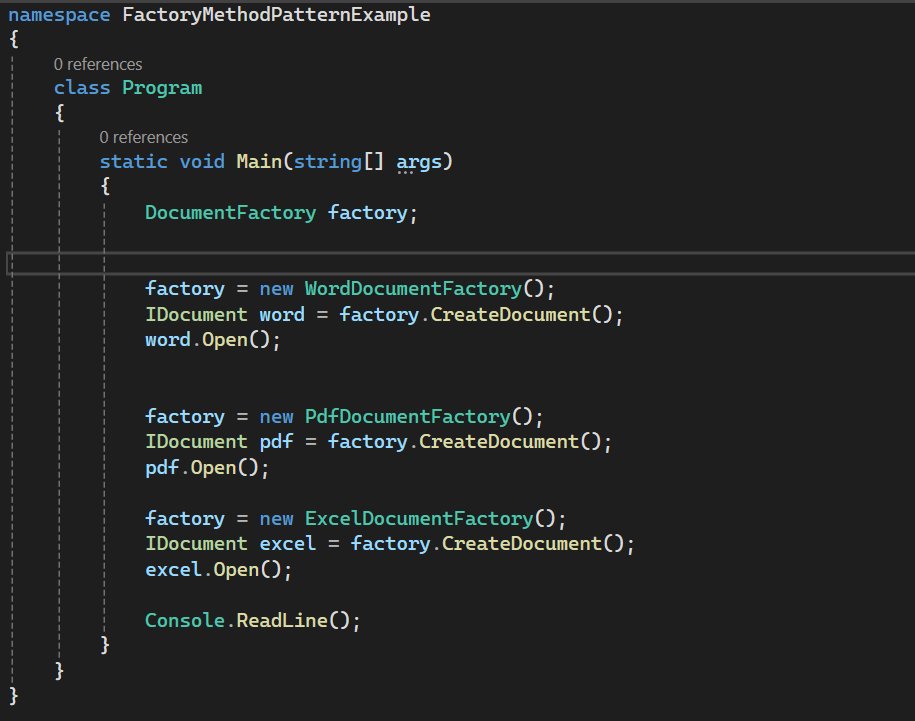
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**Exercise 2: FactoryMethodPatternExample**

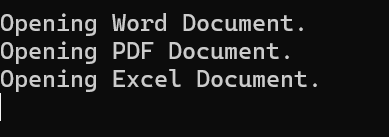
**Code:**

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**OUTPUT:**

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