**Factory Method Pattern Overview:**

Defines an interface for creating an object but lets subclasses alter the type of objects that will be created.

**Implementation Details:**

DocumentFactory is an abstract class with the createDocument() method.

Concrete factories like WordDocumentFactory create specific document types.

**Testing:**

Create instances using different factory classes and verify that the correct document type is created.

**Complexity**

Creation Time: O(1) for creating document objects.