The **Factory Design Pattern** is a **creational pattern** that provides a single interface for creating objects, with the implementation of the object creation process being handled by a factory class. [This factory class is responsible for instantiating objects based on a set of conditions or parameters that are passed to it by the client code](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/) [1](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/)[2](https://medium.com/javarevisited/design-patterns-101-an-introduction-to-factory-1929a5d124af)[3](https://www.pentalog.com/blog/design-patterns/factory-method-design-pattern/).

Here are **five free reference links** where you can learn more about the Factory Design Pattern:

1. **GeeksforGeeks**: This tutorial explains the Factory Method Design Pattern in Java, including its components, use cases, advantages, and disadvantages. [It also provides code examples](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/) [1](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/).
2. **Medium**: Learn about the Factory Design Pattern in Java, its creational nature, and how it enhances flexibility and maintainability. [The article includes practical examples](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/) [2](https://medium.com/javarevisited/design-patterns-101-an-introduction-to-factory-1929a5d124af).
3. **Pentalog**: Explore the Factory Method Design Pattern, which promotes loose coupling between classes and code reuse. [The article provides insights into its key components and usage](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/) [3](https://www.pentalog.com/blog/design-patterns/factory-method-design-pattern/).
4. **Baeldung**: This tutorial covers both the Factory Method and Abstract Factory patterns in Java. [It includes examples and explanations for each pattern](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/) [4](https://www.baeldung.com/java-factory-pattern).
5. **TutorialsPoint**: Dive into the Factory Pattern with this comprehensive tutorial. [It includes code examples, implementation details, and practical insights](https://www.geeksforgeeks.org/factory-method-design-pattern-in-java/) [5](https://www.tutorialspoint.com/design_pattern/factory_pattern.htm).

Feel free to explore these resources to deepen your understanding of the Factory Design Pattern! 🛠️📚