“Define an interface for creating an object, but let subclasses decide which class to instantiate. The Factory method lets a class defer instantiation it uses to subclasses.

Factory pattern creates object without exposing the creation logic to the client and refer to newly created object using a common interface.

Uses creates

Client --------> Factory ---------> Product

**When to use Factory Pattern**

The object needs to be extended to subclasses

The classes doesn’t know what exact sub-classes it has to create

The product implementation tend to change over time and the client remains unchanged.

**Business Requirement**

Differentiate employees as permanent and contract and segregate their pay scales as well as bonus based on their employee’s types.

