Implementing Dependency Injection

1. Create a New Java Project:

* A new Java project named “DependencyInjectionExample” was created.

1. Define Repository Interface:

* An interface “CustomerRepository” with methods like “findCustomerById()” was created.

1. Implement Concrete Repository:

* A class “CustomerRepositoryImpl” that implements “CutomerRepository” was created.

1. Define Service Class:

* A class “CustomerService” that depends on “CustomerRepository” was created.

1. Implement Dependency Injection:

* Constructor injection to inject “CustomerRepository” into “CustomerService” was used.

1. Test the Dependency Injection Implementation:

* A main class to demonstrate creating a “CustomerService” with “CustomerRepositoryImpl” and using it to find a customer was created.