public class TestDependencyInjection {

public static void main(String[] args) {

// Create the repository

CustomerRepository repository = new CustomerRepositoryImpl();

// Inject the repository into the service

CustomerService service = new CustomerService(repository);

// Use the service to find a customer

Customer customer = service.getCustomerById("123");

// Display customer details

if (customer != null) {

System.out.println("Customer ID: " + customer.getId());

System.out.println("Customer Name: " + customer.getName());

System.out.println("Customer Email: " + customer.getEmail());

} else {

System.out.println("Customer not found.");

}

}

}