SUPERSET-6413402

**Dependency Injection**

CODE:

// Repository

interface CustomerRepository {

String findCustomerById(int id);

}

// Repository Implementation

class CustomerRepositoryImpl implements CustomerRepository {

public String findCustomerById(int id) {

return "Customer #" + id + " - Suba";

}

}

// Service

class CustomerService {

private CustomerRepository repository;

// Constructor injection

public CustomerService(CustomerRepository repository) {

this.repository = repository;

}

public void showCustomer(int id) {

System.out.println(repository.findCustomerById(id));

}

}

// Test

public class TestDI {

public static void main(String[] args) {

CustomerRepository repo = new CustomerRepositoryImpl();

CustomerService service = new CustomerService(repo);

service.showCustomer(1);

}

}

Output:

Customer #1 - suba

