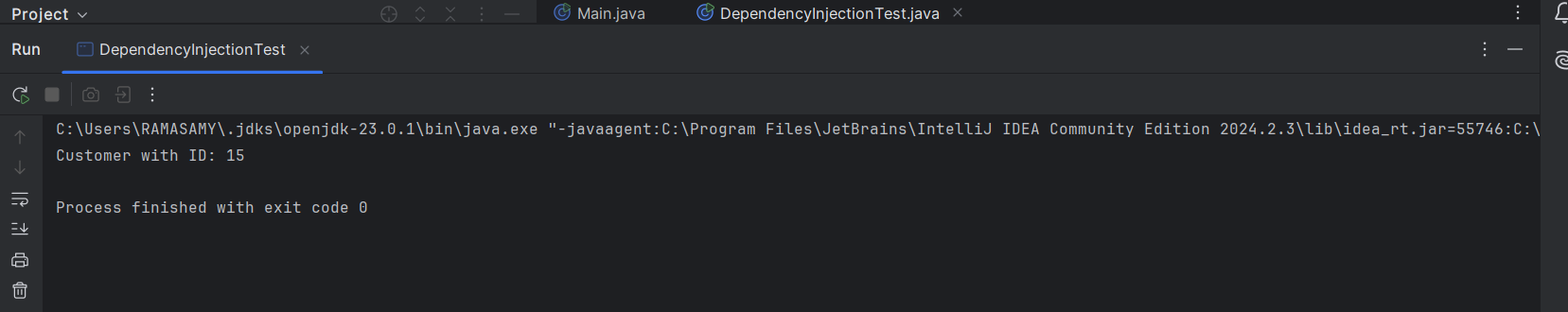
**Exercise 11: Implementing Dependency Injection**

**CODE:**

**DependencyInjectionTest.java**

interface CustomerRepository {  
 String findCustomerById(int id);  
}  
  
class CustomerRepositoryImpl implements CustomerRepository {  
 public String findCustomerById(int id) {  
 return "Customer with ID: " + id;  
 }  
}  
  
class CustomerService {  
 private CustomerRepository repository;  
 public CustomerService(CustomerRepository repository) {  
 this.repository = repository;  
 }  
 public void getCustomer(int id) {  
 System.*out*.println(repository.findCustomerById(id));  
 }  
}  
  
class DependencyInjectionTest {  
 public static void main(String[] args) {  
 CustomerRepository repo = new CustomerRepositoryImpl();  
 CustomerService service = new CustomerService(repo);  
 service.getCustomer(1001);  
 }  
}

**OUTPUT:**

****