

Object Oriented Programming 1

Computer science- 1443 H

PROJECT REPORT

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Introduction:

In our project we aimed on creating a clinic management system that add doctors and patients to the system beside booking an appointment for each user in display these appointments.

Target:

Our goal is to facilitate access of appointments information which will ensure the ease of communicating fir both the patient and doctors.

UML:

Doctor
- Appointments : Appointment
+ addAppointment(); + getInfo();

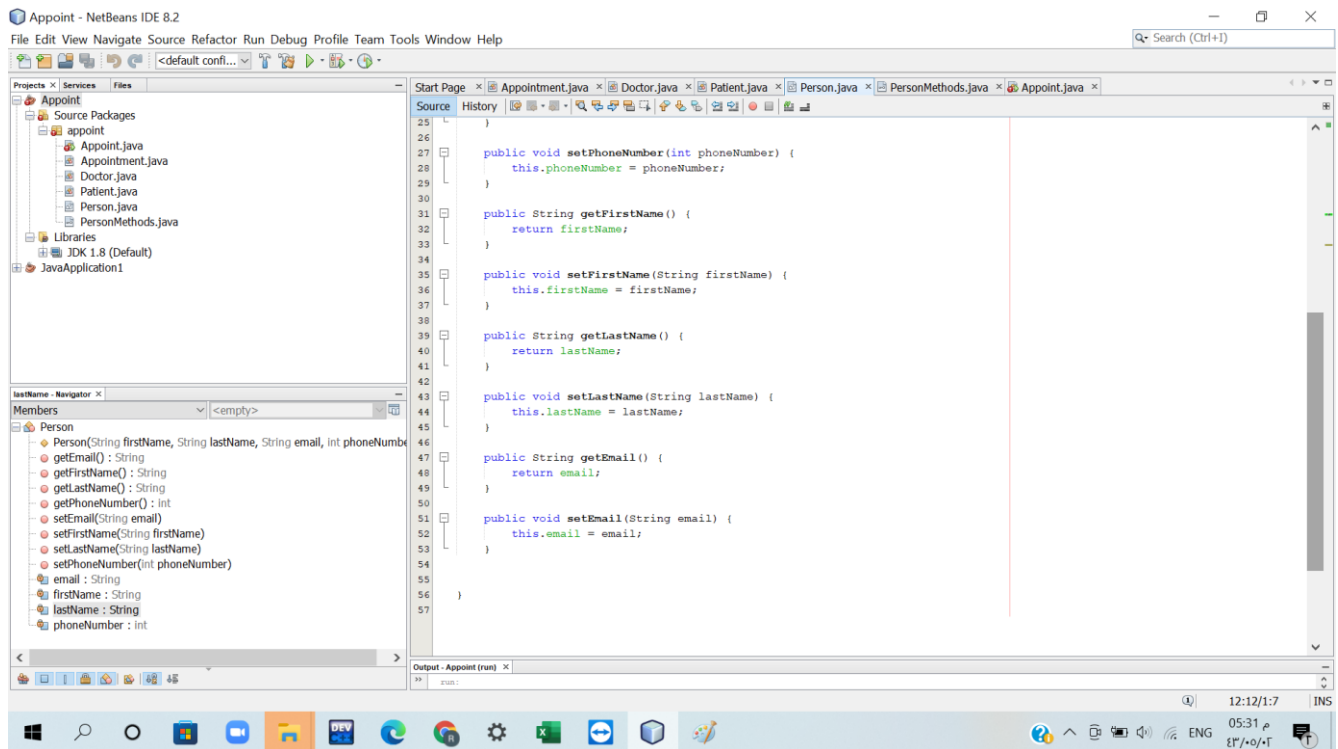
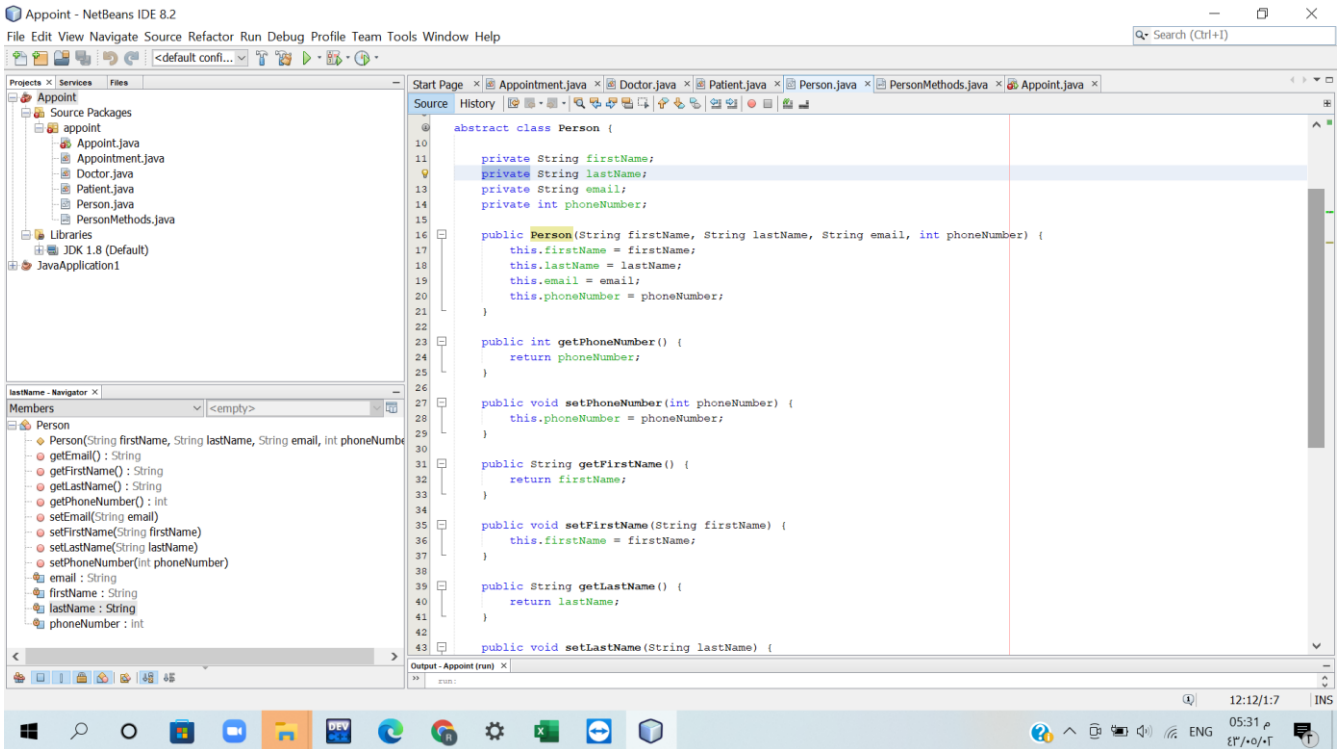
Person
- firstName : String - lastName : String - email : String - phoneNumber : int
+ getPhoneNumber(); + setPhoneNumber(); + getFirstNumber(); + setFirstNumber(); + getLastNumber(); + setLastNumber(); + getEmail(); + setEmail();

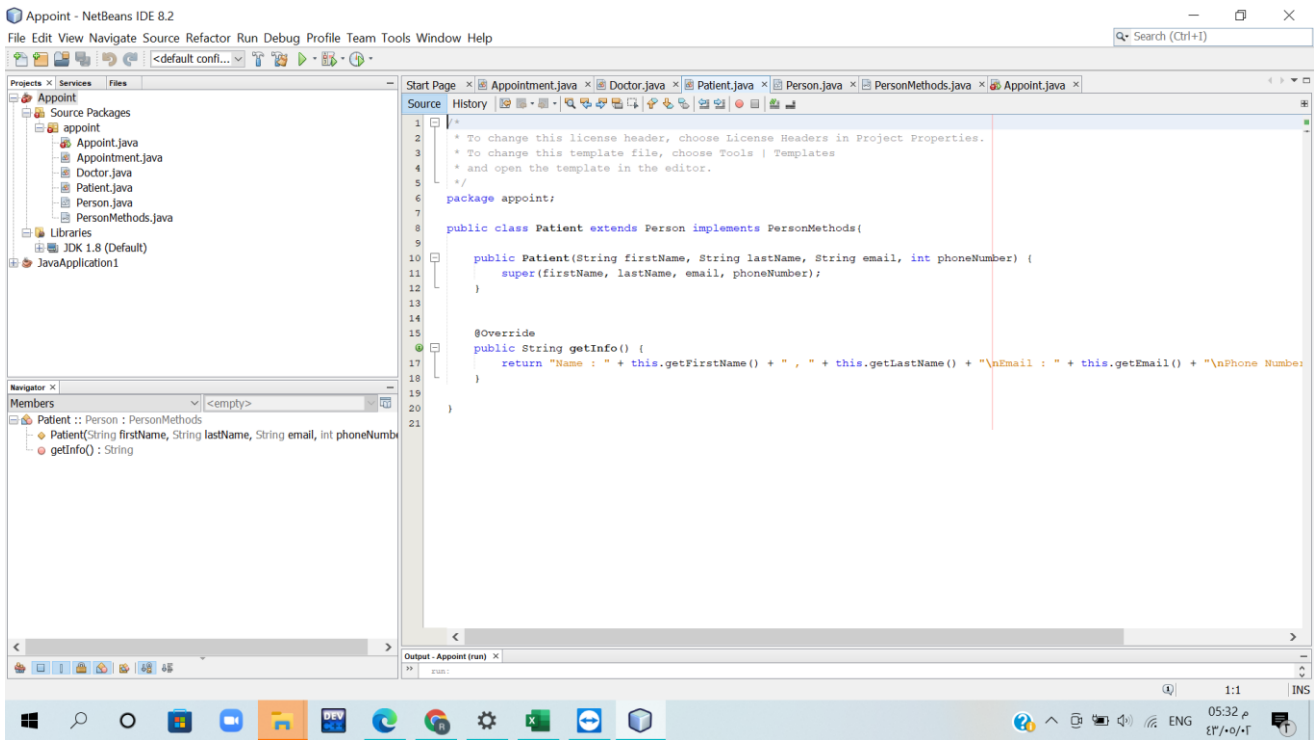
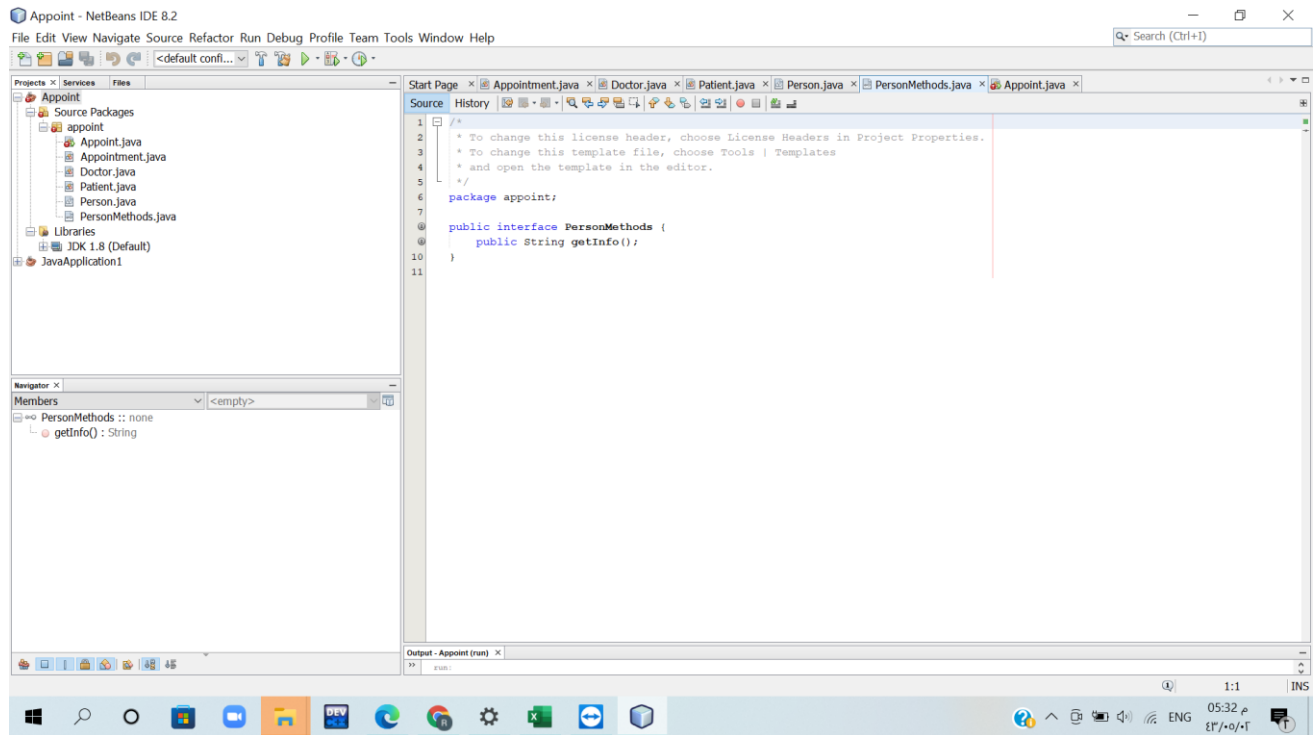
Patient
+ getInfo();

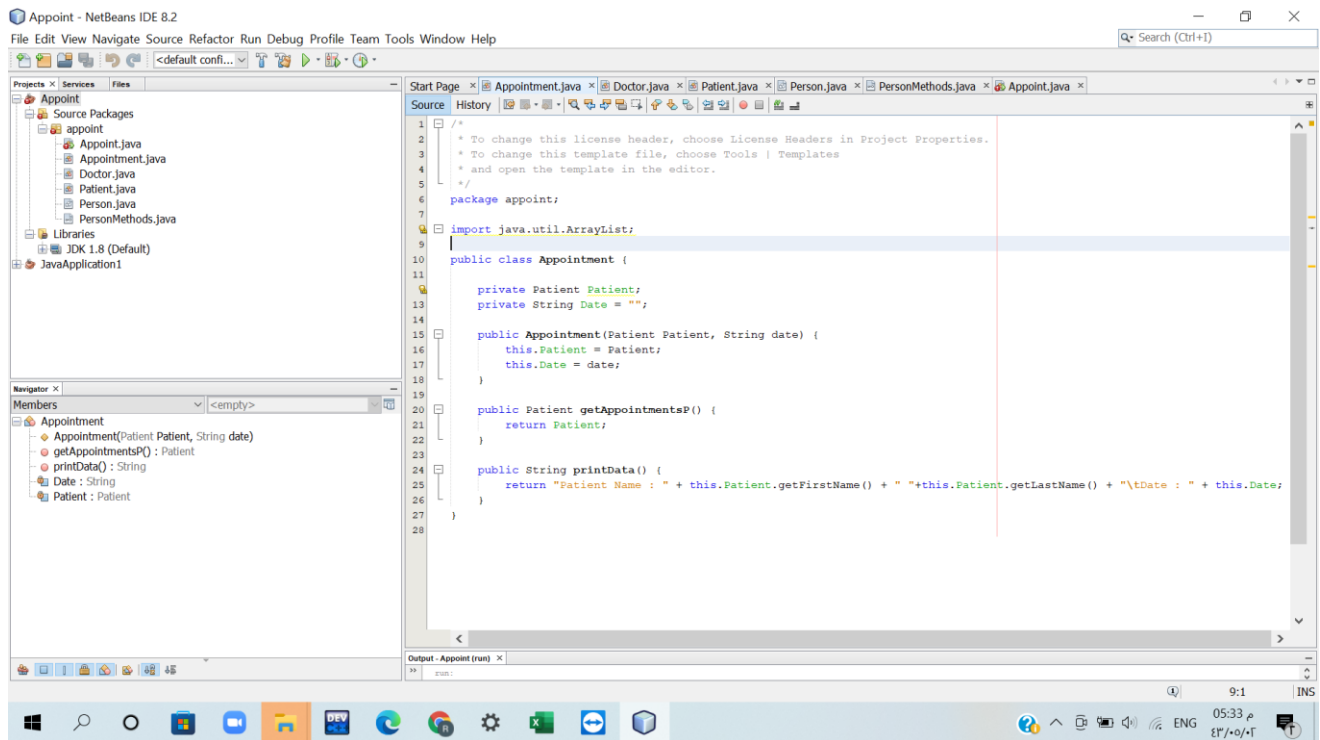
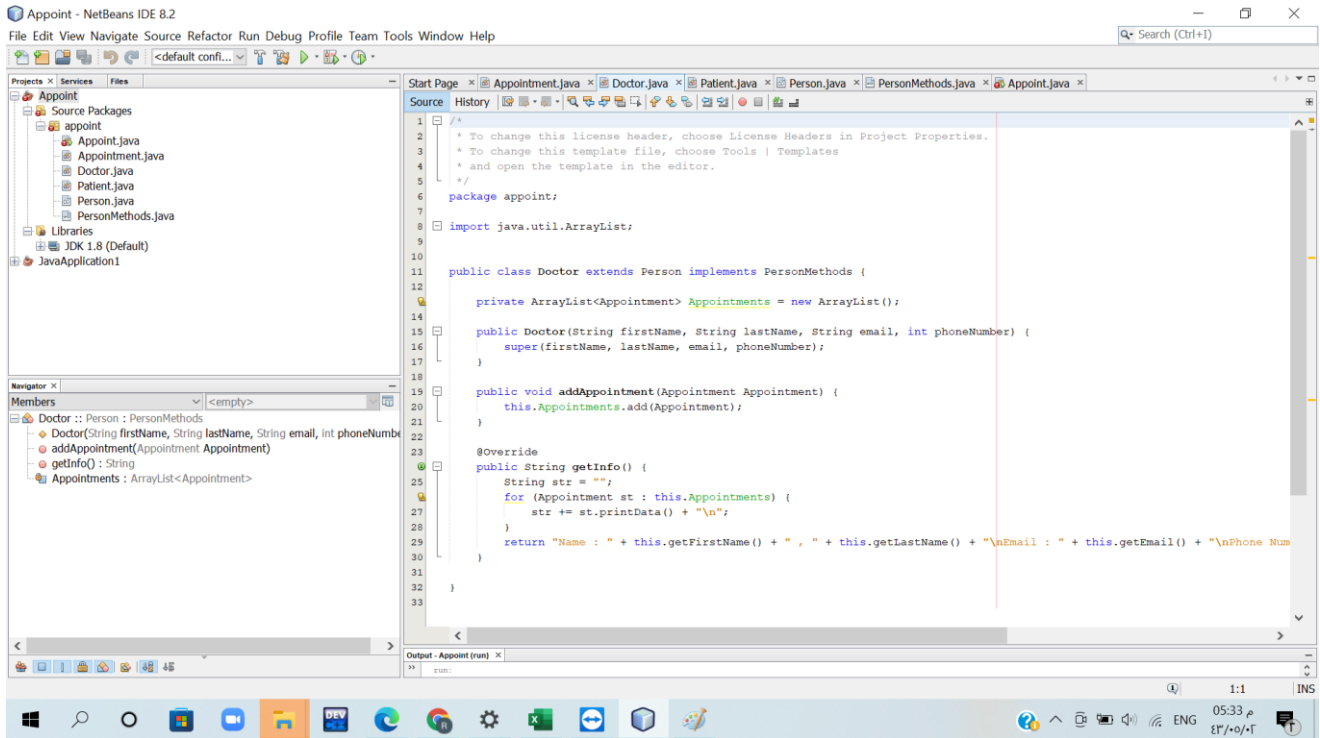
Appointment
- patient : patient - Date : String
+ getAppointment(); + PrintData();

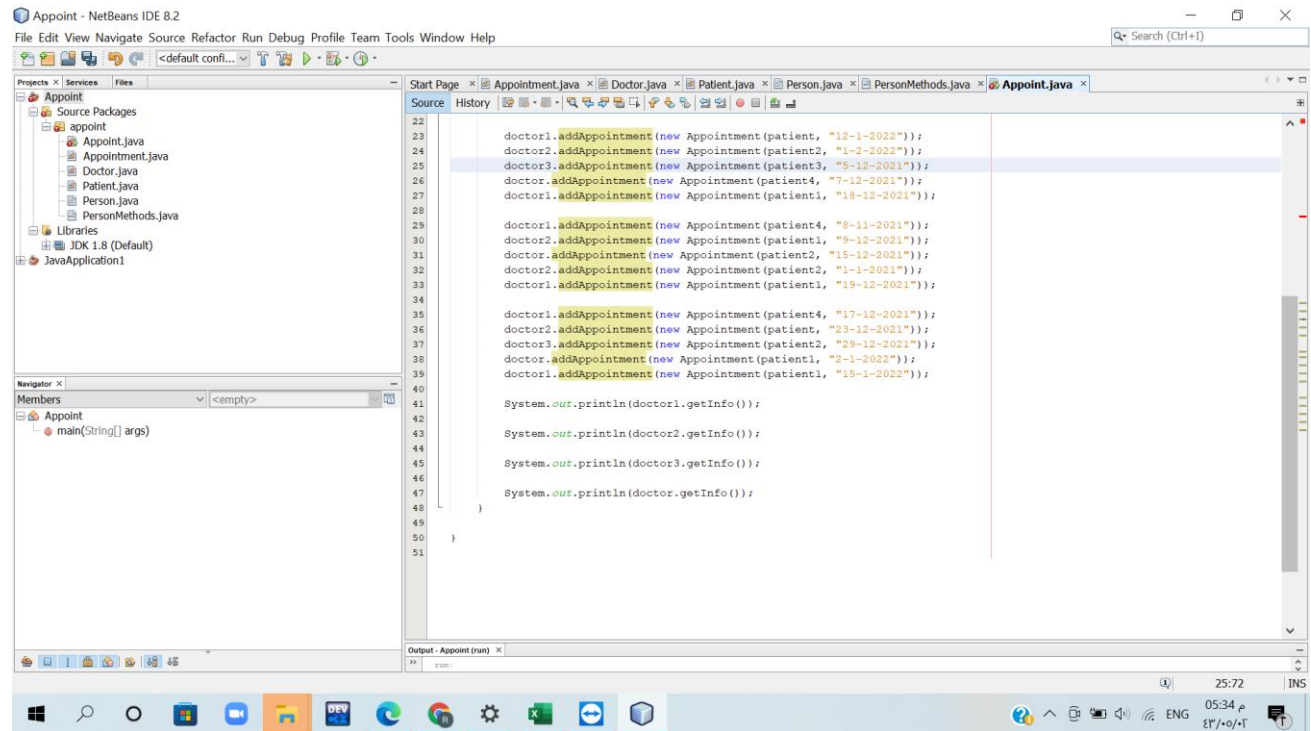
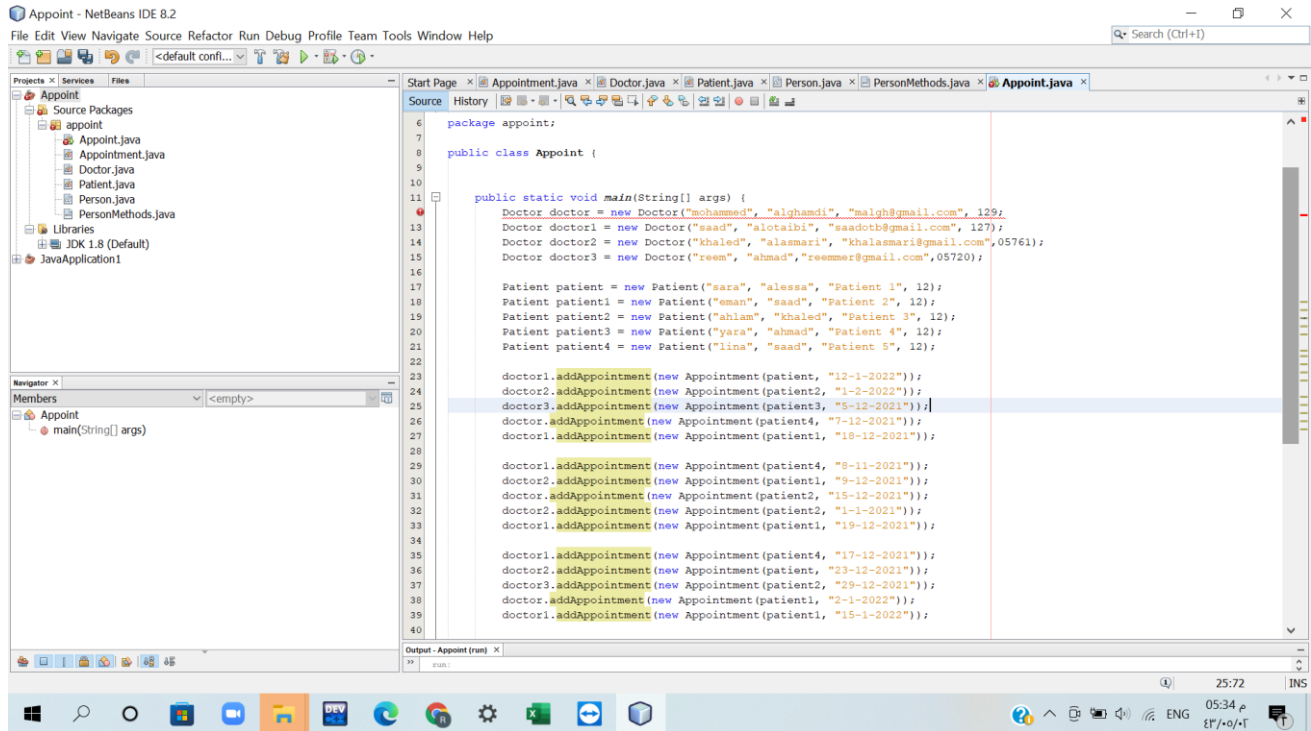
<< interface>>
PersonMethod
+ getInfo();

FULL CODE:









Conclusion:

lastly, we now solved the communication gap between patients and doctors in the clinic management system, and we improved the system by delivering appointment information to both patients and doctors.