1. From the problem description, create a list of all classes that you can identify. For each class, list the associated member variables and identify an initial set of member functions.

* - Classes
  + - Methods
    - - Variables
* The included classes of PatientList and DoctorList
  + - Static Patients array and static constant size
    - Static Patients array and static constant size
* Doctor class
  + Constructor
  + Overloaded Constructor
  + Getters / Setters
  + toString (print their info & schedule)
    - String Name
    - Int Age
    - String Specialty
    - String Schedule[]
* Patients class
  + Constructor
  + Overloaded Constructor
  + Getters / Setters
  + toString (print their info)
    - String Name
    - Int Age
    - String Sex
* Scheduler class
  + List all patients
  + List all Doctors
  + Look up patient by name
  + Look up doctor by name
  + Add appointments
  + Remove appointments
  + Check for appointments
  + Create doctor list
  + Create patient list
  + Create Doctor text file
  + Create Patient text file
    - doctorList<>
    - patientList<>
* Driver (main program)
  + Menu output
  + Access all other classes to run the program
    - Int Hour