

## Clinic Management System

Write a C code for clinic management system. At the beginning of the system it asks the user to choose between admin mode and user mode.

admin mode

user mode.

1-The system asks for password, the default password is 1234  
2- The system allows 3 trails for the password entry,  
- if the entered password was incorrect for 3 consecutive times, the system shall close.

There is no password. The system allows the following features:

1. View patient record.

-entering the patient ID, the system shall show the for the patient.

2. View today's reservations.

the system shall print all reservations

with the patient ID attached to each reservation slot.

Function

1. Add new patient record:

1-To add a new patient  
2- the user shall admin shall enter(name, age, gender, ID)  
-entered ID is already exists ( reject the entry).

unique

Function 1-View patient record

1-entering the patient ID,  
2-the system shall show the for the patient.

2-View today's reservations.

1-shall print all reservations with the patient ID

2-attached to each reservation slot

2. Edit patient record

1-entering patient ID  
2-checks if the ID exists  
- shall allow the user to edit the patient information  
-If not, the system shall display incorrect ID message.

user enter face Enter Mode1 and Mode2?

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admin mode

user mode.

1. Add new patient record:  
2. Edit patient record

1-View patient record

2-View today's reservations.

3.Reserve a slot with the doctor

4. Cancel reservation.

3.Reserve a slot with the doctor

1- By default there are 5 available slots  
2-4:30pm to 5pm. Upon opening of this window,  
3-the system shall display the available slots.  
4-admin shall enter the patient ID and the desired slot.  
-admin shall enter the patient ID and the desired slot.

4. Cancel reservation.

1-The admin can cancel a reservation by entering the patient ID  
2-This reservation shall be shown again in the available slots window.

