

**جامعة جدة**  
**University of Jeddah**

University of Jeddah  
College of Computer Science and Engineering  
Data Structure CCCS 224  
Final Project: Patient Managment System

Instructure:Nuha Zamzami

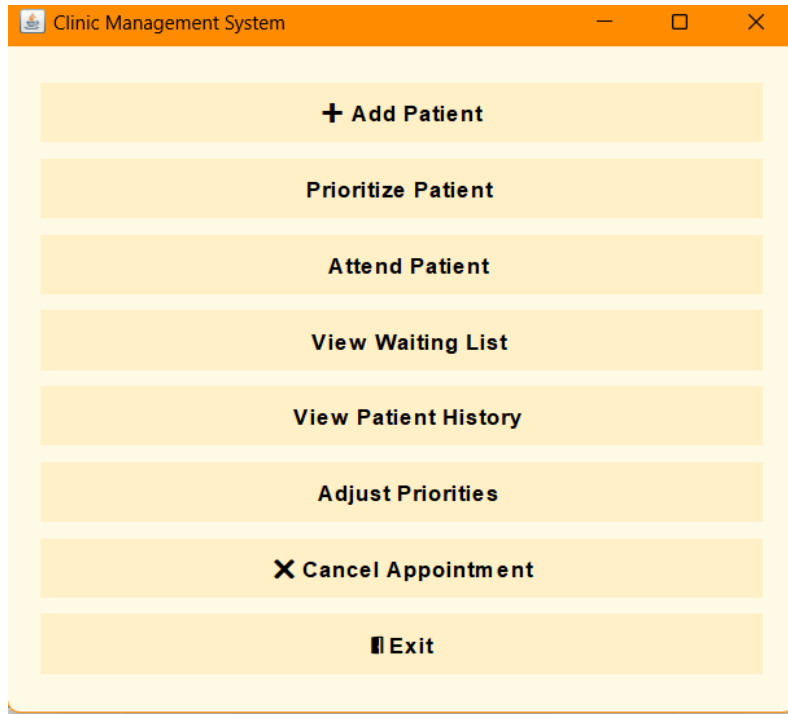
Students names:

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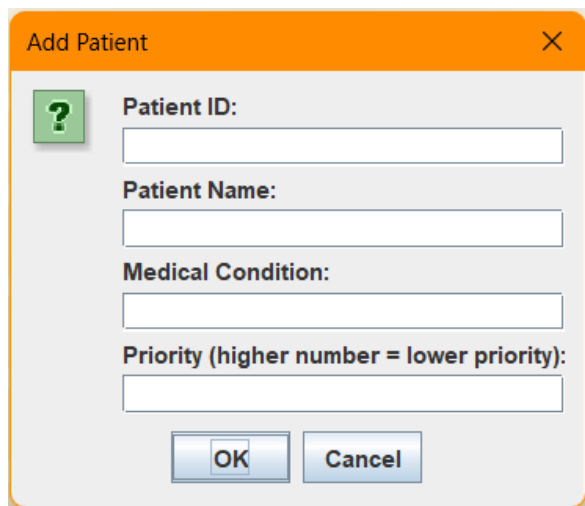
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# Project 1: Patient Management System for a Clinic

Output:

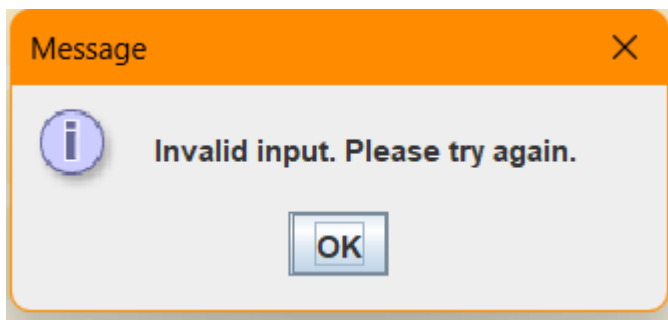


After choosing (Add Patient):

A screenshot of a dialog box titled "Add Patient". It has a light gray background and a green question mark icon in the top left corner. The dialog contains four text input fields with labels: "Patient ID:", "Patient Name:", "Medical Condition:", and "Priority (higher number = lower priority):". At the bottom, there are two buttons: "OK" and "Cancel".

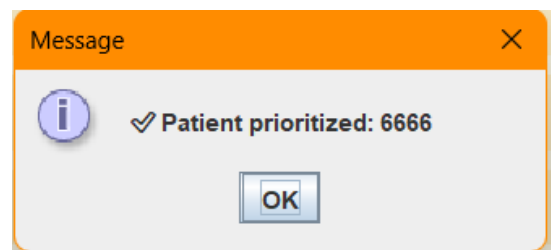
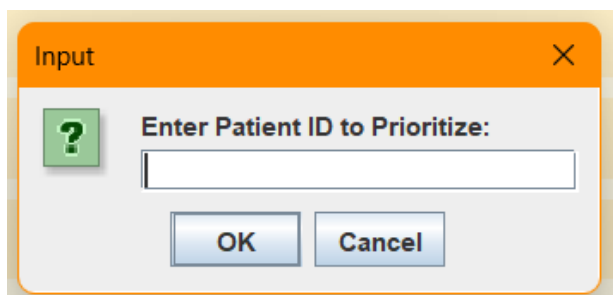
```
compile-single:
run-single:
Patient added: sara
```

If the patient information was entered incorrectly:

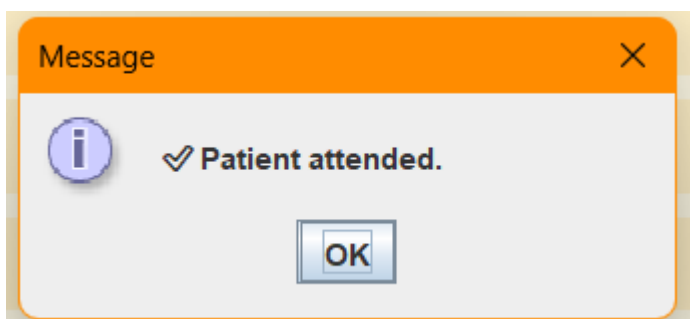


## After choosing (Prioritize Patient):

This makes the patient at the front of the line no matter the priority number they have



## After choosing (Attend Patient):



```
no patients have been added
Attended patient: reema
||
```

## After choosing (View Waiting List):

Current Waiting List:

Patient ID: 6666, Patient Name: reema, Patient Medical Condition: headache, Priority: 5

Patient ID: 5555, Patient Name: sara, Patient Medical Condition: fever, Priority: 4

||

## After choosing (View Patient History):

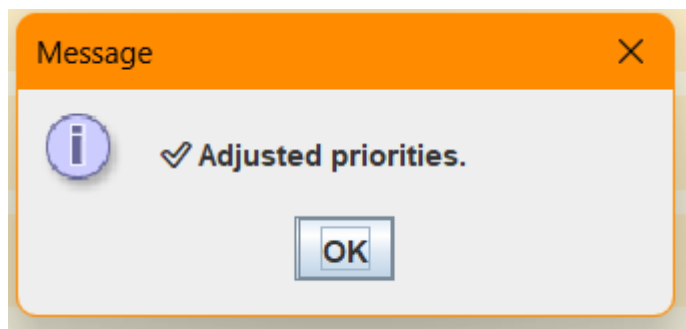
It shows the history of attended patients

Patient History:

Patient ID: 6666, Patient Name: reema, Patient Medical Condition: headache, Priority: 5

||

## After choosing (Adjust Priorities):



The waiting list before adjustment based on waiting time:

Current Waiting List:

Patient ID: 8888, Patient Name: fatmah, Patient Medical Condition: toothache, Priority: 5

Patient ID: 9999, Patient Name: yara, Patient Medical Condition: checkup, Priority: 8

||

The waiting list after adjustment based on waiting time:

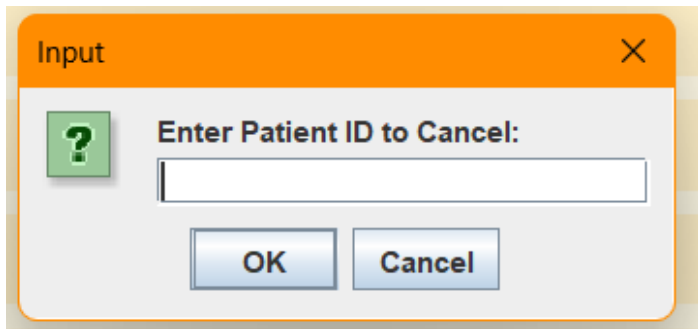
Current Waiting List:

Patient ID: 8888, Patient Name: fatmah, Patient Medical Condition: toothache, Priority: 4

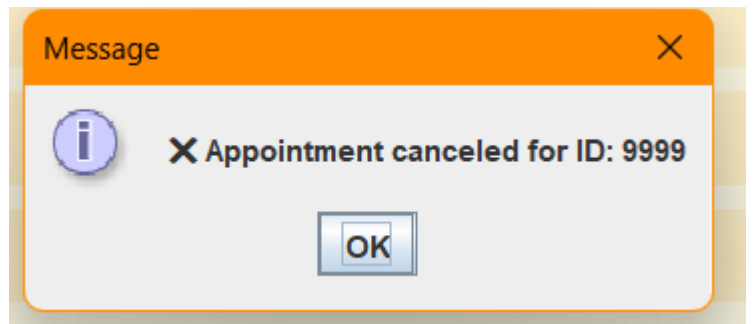
Patient ID: 9999, Patient Name: yara, Patient Medical Condition: checkup, Priority: 7

||

## After choosing (Cancel Appointment):



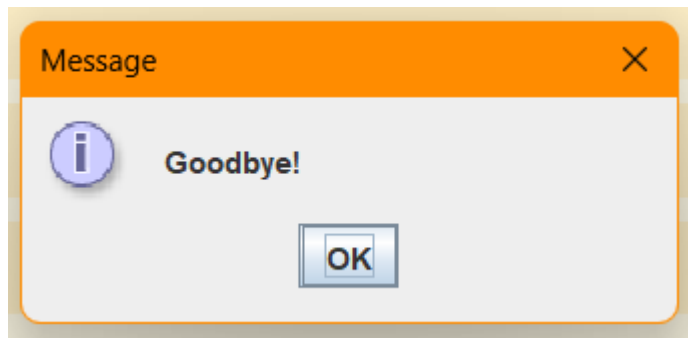
An input dialog box with an orange title bar labeled 'Input' and a close button (X). It contains a green question mark icon, the text 'Enter Patient ID to Cancel:', a text input field, and two buttons labeled 'OK' and 'Cancel'.



A message dialog box with an orange title bar labeled 'Message' and a close button (X). It contains a blue information icon, a red 'X' icon, and the text 'Appointment canceled for ID: 9999'. There is an 'OK' button at the bottom.

Cancelled appointment for: Patient ID: 9999, Patient Name: yara, Patient Medical Condition: checkup, Priority: 7  
||

## After choosing (Exit):



A message dialog box with an orange title bar labeled 'Message' and a close button (X). It contains a blue information icon and the text 'Goodbye!'. There is an 'OK' button at the bottom.