

Outputs

```
Appointment ID: 1, Patient ID: P001, Doctor ID: D001, Date: 2023-01-02, Description: Updated Appointment
Appointments for Doctor D001:
Appointment ID: 1, Patient ID: P001, Doctor ID: D001, Date: 2023-01-02, Description: Updated Appointment
Error scheduling appointment: 1062 (23000): Duplicate entry '3' for key 'appointments.PRIMARY'
Appointment Scheduled: False
Appointment Updated: True
PS C:\Users\derav\Downloads\Hexware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital>
PS C:\Users\derav\Downloads\Hexware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital> python main.py
Connected to MySQL database
Exception: Patient with ID 4 not found.
Appointments for Invalid Patient 4: []
PS C:\Users\derav\Downloads\Hexware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital>
PS C:\Users\derav\Downloads\Hexware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital>
```

The above screen shots show the output generated when main.py file is called and called the following methods from the main.py file

1. `getAppointmentById`
2. `getAppointmentForPatient`
3. `getAppointmentForDoctor`

C:\Windows\System32\cmd.exe - mysql -u root -p

```
mysql> show tables;
```

Tables_in_hospital
appointments
doctors
patients

3 rows in set (0.03 sec)

```
mysql> select * from appointments;
```

appointmentId	patientId	doctorId	appointmentDate	description
1	P001	D001	2023-01-01	Initial Appointment
2	P002	D002	2023-01-02	Follow-up Appointment

2 rows in set (0.00 sec)

```
mysql> select * from appointments;
```

appointmentId	patientId	doctorId	appointmentDate	description
1	P001	D001	2023-01-01	Initial Appointment
2	P002	D002	2023-01-02	Follow-up Appointment
3	P002	D002	2023-01-01	New Appointment

3 rows in set (0.00 sec)

```
mysql> select * from appointments;
```

appointmentId	patientId	doctorId	appointmentDate	description
1	P001	D001	2023-01-02	Updated Appointment
2	P002	D002	2023-01-02	Follow-up Appointment
3	P002	D002	2023-01-01	New Appointment

3 rows in set (0.00 sec)

```
mysql>
```

The above screen shots validate following:

1. Successful Creation of new appointment with id = 3 in table appointments.
2. Successful updating of an existing appointment 'description' column with id = 1

```
Appointments for Invalid Patient 4: []
PS C:\Users\derav\Downloads\Heware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital>
PS C:\Users\derav\Downloads\Heware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital> python main.py
Connected to MySQL database
Appointment by ID: Appointment ID: 1, Patient ID: P001, Doctor ID: D001, Date: 2023-01-02, Description: Updated Appointment
Appointments for Patient P001:
Appointment ID: 1, Patient ID: P001, Doctor ID: D001, Date: 2023-01-02, Description: Updated Appointment
Appointments for Doctor D001:
Appointment ID: 1, Patient ID: P001, Doctor ID: D001, Date: 2023-01-02, Description: Updated Appointment
Appointment Canceled: True
Exception: Patient with ID 4 not found.
Appointments for Invalid Patient 4: []
PS C:\Users\derav\Downloads\Heware Python Fondation Module Work\Coding Challenge\Python Coding Challenge\Hospital>
```

The above screen shot shows that the method 'cancelAppointment' has run successfully, as in the output we can clearly see " Appointment Canceled: True"

```
C:\Windows\System32\cmd.exe - mysql -u root -p

+-----+
| appointmentId | patientId | doctorId | appointmentDate | description |
+-----+
| 1 | P001 | D001 | 2023-01-02 | Updated Appointment |
| 2 | P002 | D002 | 2023-01-02 | Follow-up Appointment |
| 3 | P002 | D002 | 2023-01-01 | New Appointment |
+-----+
3 rows in set (0.01 sec)

mysql> select * from appointments;
+-----+
| appointmentId | patientId | doctorId | appointmentDate | description |
+-----+
| 1 | P001 | D001 | 2023-01-02 | Updated Appointment |
| 2 | P002 | D002 | 2023-01-02 | Follow-up Appointment |
+-----+
2 rows in set (0.00 sec)

mysql> _
```

The above screen shot validates that the appointment with id = 3 was cancelled i.e. deleted from the table.