

Data & Information Management

7.2C: Mini-Project Part 2

Task 01

Write SQL statements to create all tables in the final normalized ERD in Task 4.2C.

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0007 seconds.)

```
CREATE DATABASE MEDICALCLINIC;
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

⚠ Error: #1046 No database selected

Nurse Table

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0095 seconds.)

```
CREATE TABLE NURSE ( NURSE_ID INT PRIMARY KEY, F_NAME VARCHAR(50) NOT NULL, L_NAME VARCHAR(50) NOT NULL, PHONE_NUMBER INT(10) NOT NULL, EMAIL VARCHAR(100) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE NURSE (
    NURSE_ID INT PRIMARY KEY,
    F_NAME VARCHAR(50) NOT NULL,
    L_NAME VARCHAR(50) NOT NULL,
    PHONE_NUMBER INT(10) NOT NULL,
    EMAIL VARCHAR(100)
);
```

Doctor Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0086 seconds.)

```
CREATE TABLE DOCTOR ( DOCTOR_ID INT PRIMARY KEY, F_NAME VARCHAR(50) NOT NULL, L_NAME VARCHAR(50) NOT NULL, PHONE_NUMBER INT(10) NOT NULL, SPECILIZED_AREA VARCHAR(50) NOT NULL, EMAIL VARCHAR(100) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE DOCTOR (
    DOCTOR_ID INT PRIMARY KEY,
    F_NAME VARCHAR(50) NOT NULL,
    L_NAME VARCHAR(50) NOT NULL,
    PHONE_NUMBER INT(10) NOT NULL,
    SPECILIZED_AREA VARCHAR(50) NOT NULL,
    EMAIL VARCHAR(100)
);
```

Patient Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0129 seconds.)

```
CREATE TABLE PATIENT ( PATIENT_NUM INT PRIMARY KEY, F_NAME VARCHAR(50) NOT NULL, L_NAME VARCHAR(50) NOT NULL, DOB VARCHAR(10) NOT NULL, GENDER VARCHAR(6), PHONE_NUMBER INT(10) NOT NULL, ADDRESS VARCHAR(200) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE PATIENT (
    PATIENT_NUM INT PRIMARY KEY,
    F_NAME VARCHAR(50) NOT NULL,
    L_NAME VARCHAR(50) NOT NULL,
    DOB VARCHAR(10) NOT NULL,
    GENDER VARCHAR(6),
    PHONE_NUMBER INT(10) NOT NULL,
    ADDRESS VARCHAR(200)
);
```

Medical_Record Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0363 seconds.)

```
CREATE TABLE MEDICAL_RECORD ( RECORD_ID INT PRIMARY KEY, DATE VARCHAR(10) NOT NULL, TREATMENT VARCHAR(200), DESCRIPTION VARCHAR(500), PATIENT_NUM INT NOT NULL, DOCTOR_ID INT NOT NULL, FOREIGN KEY(PATIENT_NUM) REFERENCES PATIENT(PATIENT_NUM), FOREIGN KEY(DOCTOR_ID) REFERENCES DOCTOR(DOCTOR_ID) );
```

[Edit inline] [Edit] [Create PHP code]

```
CREATE TABLE MEDICAL_RECORD (
    RECORD_ID INT PRIMARY KEY,
    DATE VARCHAR(10) NOT NULL,
    TREATMENT VARCHAR(200),
    DESCRIPTION VARCHAR(500),
    PATIENT_NUM INT NOT NULL,
    DOCTOR_ID INT NOT NULL,
    FOREIGN KEY(PATIENT_NUM) REFERENCES PATIENT(PATIENT_NUM),
    FOREIGN KEY(DOCTOR_ID) REFERENCES DOCTOR(DOCTOR_ID)
);
```

Appointment_link Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0445 seconds.)

```
CREATE TABLE APPOINTMENT_LINK ( APPOINTMENT_ID INT PRIMARY KEY, PATIENT_NUM INT NOT NULL, DOCTOR_ID INT NOT NULL, NURSE_ID INT NOT NULL, RECORD_ID INT NOT NULL, FOREIGN KEY(PATIENT_NUM) REFERENCES patient(PATIENT_NUM), FOREIGN KEY(DOCTOR_ID) REFERENCES doctor(DOCTOR_ID), FOREIGN KEY(NURSE_ID) REFERENCES nurse(NURSE_ID), FOREIGN KEY(RECORD_ID) REFERENCES medical_record(RECORD_ID) );
```

[Edit inline] [Edit] [Create PHP code]

```
CREATE TABLE APPOINTMENT_LINK (
    APPOINTMENT_ID INT PRIMARY KEY,
    PATIENT_NUM INT NOT NULL,
    DOCTOR_ID INT NOT NULL,
    NURSE_ID INT NOT NULL,
    RECORD_ID INT NOT NULL,
    FOREIGN KEY(PATIENT_NUM) REFERENCES patient(PATIENT_NUM),
    FOREIGN KEY(DOCTOR_ID) REFERENCES doctor(DOCTOR_ID),
    FOREIGN KEY(NURSE_ID) REFERENCES nurse(NURSE_ID),
    FOREIGN KEY(RECORD_ID) REFERENCES medical_record(RECORD_ID)
);
```

Appointment_Details Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0106 seconds.)

```
CREATE TABLE APPOINTMENT_DETAILS ( APPOINTMENT_ID INT PRIMARY KEY, APPOINTMENT_DATE DATE NOT NULL, APPOINTMENT_TIME TIME NOT NULL );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE APPOINTMENT_DETAILS (
    APPOINTMENT_ID INT PRIMARY KEY,
    APPOINTMENT_DATE DATE NOT NULL,
    APPOINTMENT_TIME TIME NOT NULL
);
```

Laboratory_test Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0400 seconds.)

```
CREATE TABLE LABORATORY_TEST ( LAB_NUM INT PRIMARY KEY, TEST_NAME VARCHAR(100), DATE VARCHAR(10), REPORT VARCHAR(1000), RECORD_ID INT NOT NULL, FOREIGN KEY(RECORD_ID) REFERENCES medical_record(RECORD_ID) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE LABORATORY_TEST (
    LAB_NUM INT PRIMARY KEY,
    TEST_NAME VARCHAR(100),
    DATE VARCHAR(10),
    REPORT VARCHAR(1000),
    RECORD_ID INT NOT NULL,
    FOREIGN KEY(RECORD_ID) REFERENCES medical_record(RECORD_ID)
);
```

Medical_company Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0095 seconds.)

```
CREATE TABLE MEDICAL_COMPANY ( COMPANY_ID INT PRIMARY KEY, COMPANY_NAME VARCHAR(100) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE MEDICAL_COMPANY (
    COMPANY_ID INT PRIMARY KEY,
    COMPANY_NAME VARCHAR(100)
);
```

Drugs Table

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0227 seconds.)

```
CREATE TABLE DRUGS ( DRUG_ID INT PRIMARY KEY, DRUG_STRENGTH VARCHAR(20), COMPANY_ID INT NOT NULL, FOREIGN KEY(COMPANY_ID) REFERENCES medical_company(COMPANY_ID) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE DRUGS (
    DRUG_ID INT PRIMARY KEY,
    DRUG_STRENGTH VARCHAR(20),
    COMPANY_ID INT NOT NULL,
    FOREIGN KEY(COMPANY_ID) REFERENCES medical_company(COMPANY_ID)
);
```

Prescription Table

✓ MySQL returned an empty result set (i.e. zero rows) (Query took 0.0398 seconds.)

```
CREATE TABLE PRESCRIPTION ( PRESCRIPTION_NUM INT PRIMARY KEY, NAME VARCHAR (100), DATE VARCHAR (10), RECORD_ID INT NOT NULL, DRUG_ID INT NOT NULL, FOREIGN KEY(RECORD_ID)
REFERENCES medical_record(RECORD_ID), FOREIGN KEY(DRUG_ID) REFERENCES drugs(DRUG_ID) );
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

```
CREATE TABLE PRESCRIPTION (
    PRESCRIPTION_NUM INT PRIMARY KEY,
    NAME VARCHAR (100),
    DATE VARCHAR (10),
    RECORD_ID INT NOT NULL,
    DRUG_ID INT NOT NULL,
    FOREIGN KEY(RECORD_ID) REFERENCES medical_record(RECORD_ID),
    FOREIGN KEY(DRUG_ID) REFERENCES drugs(DRUG_ID)
);
```

Equipment Table

✓ MySQL returned an empty result set (i.e. zero rows) (Query took 0.0395 seconds.)

```
CREATE TABLE EQUIPMENT ( EQUIPMENT_NUM INT PRIMARY KEY, EQUIPMENT_NAME VARCHAR(100), LAB_NUM INT NOT NULL, COMPANY_ID INT NOT NULL, FOREIGN KEY(LAB_NUM) REFERENCES
laboratory_test(LAB_NUM), FOREIGN KEY(COMPANY_ID) REFERENCES medical_company(COMPANY_ID) );
```

```
CREATE TABLE EQUIPMENT (
    EQUIPMENT_NUM INT PRIMARY KEY,
    EQUIPMENT_NAME VARCHAR(100),
    LAB_NUM INT NOT NULL,
    COMPANY_ID INT NOT NULL,
    FOREIGN KEY(LAB_NUM) REFERENCES laboratory_test(LAB_NUM),
    FOREIGN KEY(COMPANY_ID) REFERENCES medical_company(COMPANY_ID)
);
```

Task 02

Insert at least FIVE records in each table using SQL.

Nurse Record

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('1','kenisha','corera','47856321956','keni@gmail.com');
```

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('2','jeno','fernando','5639874263','jeno@gmail.com');
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('3','johnson','clavine','69872365492','john@gmail.com');
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('4','analiya','romila','2638974136','analiya@gmail.com');
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('5','louds','mary','56397165493','mary@gmail.com');
```

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`)
VALUES('1','kenisha','corera','47856321956','keni@gmail.com');
```

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`)
VALUES('2','jeno','fernando','5639874263','jeno@gmail.com');
```

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`)
VALUES('3','johnson','clavine','69872365492','john@gmail.com');
```

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`)
VALUES('4','analiya','romila','2638974136','analiya@gmail.com');
```

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`)
VALUES('5','louds','mary','56397165493','mary@gmail.com');
```

			NURSE_ID	F_NAME	L_NAME	PHONE_NUMBER	EMAIL
<input type="checkbox"/>	Edit	Copy	Delete	1	kenisha	corera	2147483647 keni@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	2	jeno	fernando	2147483647 jeno@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	3	johnson	clavine	2147483647 john@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	4	analiya	romila	2147483647 analiya@gmail.com
<input type="checkbox"/>	Edit	Copy	Delete	5	louds	mary	2147483647 mary@gmail.com

☐ Check all
 With selected:
 ☐ Edit
 ☐ Copy
 ☐ Delete
 ☐ Export

✓ 1 row inserted. (Query took 0.0025 seconds.)

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('1','kenisha','corera','47856321956','keni@gmail.com');
```

[Edit inline] [Edit] [Create PHP code]

Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✓ 1 row inserted. (Query took 0.0025 seconds.)

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('2','jeno','fernando','5639874263','jeno@gmail.com');
```

[Edit inline] [Edit] [Create PHP code]

Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✓ 1 row inserted. (Query took 0.0023 seconds.)

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('3','johnson','clavine','69872365492','john@gmail.com');
```

[Edit inline] [Edit] [Create PHP code]

Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✓ 1 row inserted. (Query took 0.0024 seconds.)

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('4','analiya','romila','2638974136','analiya@gmail.com');
```

[Edit inline] [Edit] [Create PHP code]

Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✓ 1 row inserted. (Query took 0.0025 seconds.)

```
INSERT INTO `nurse`(`NURSE_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`EMAIL`) VALUES('5','louds','mary','56397165493','mary@gmail.com');
```

[Edit inline] [Edit] [Create PHP code]

Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

Doctor Records

```
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`)
VALUES('1','chinthaka','perera','78236594712','Cardiologists','raaid@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`)
VALUES('2','shekaina','mathaiz','23984561789','Physician','mathaiz@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`)
VALUES('3','riveen','haggale','412975634896','Nephrologists','riveen@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`)
VALUES('4','sithum','sandheepa','36597841256','Osteopths','sithum@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`)
VALUES('5','raaid','ismile','14596328745','Neurologists','raaid@gmail.com');

INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('1','chinthaka','perera','78236594712','Cardiologists','raaid@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('2','shekaina','mathaiz','23984561789','Physician','mathaiz@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('3','riveen','haggale','412975634896','Nephrologists','riveen@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('4','sithum','sandheepa','36597841256','Osteopths','sithum@gmail.com');
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('5','raaid','ismile','14596328745','Neurologists','raaid@gmail.com');
```

Extra options

				DOCTOR_ID	F_NAME	L_NAME	PHONE_NUMBER	SPECILIZED_AREA	EMAIL
<input type="checkbox"/>				1	chinthaka	perera	2147483647	Cardiologists	raaid@gmail.com
<input type="checkbox"/>				2	shekaina	mathaiz	2147483647	Physician	mathaiz@gmail.com
<input type="checkbox"/>				3	riveen	haggale	2147483647	Nephrologists	riveen@gmail.com
<input type="checkbox"/>				4	sithum	sandheepa	2147483647	Osteopths	sithum@gmail.com
<input type="checkbox"/>				5	raaid	ismile	2147483647	Neurologists	raaid@gmail.com
				<input type="checkbox"/> Check all	With selected:				Export
<input type="checkbox"/> Show all				Number of rows:	25	Filter rows:	Search this table	Sort by key:	None

✔ 1 row inserted. (Query took 0.0050 seconds.)

```
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('1','chinthaka','perera','78236594712','Cardiologists','raaid@gmail.com');
```

[\[Edit inline\]](#) [\[Edit\]](#) [\[Create PHP code\]](#)

⚠ Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✔ 1 row inserted. (Query took 0.0029 seconds.)

```
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('2','shekaina','mathaiz','23984561789','Physician','mathaiz@gmail.com');
```

[\[Edit inline\]](#) [\[Edit\]](#) [\[Create PHP code\]](#)

⚠ Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✔ 1 row inserted. (Query took 0.0020 seconds.)

```
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('3','riveen','haggale','412975634896','Nephrologists','riveen@gmail.com');
```

[\[Edit inline\]](#) [\[Edit\]](#) [\[Create PHP code\]](#)

⚠ Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✔ 1 row inserted. (Query took 0.0025 seconds.)

```
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('4','sithum','sandheepa','36597841256','Osteopths','sithum@gmail.com');
```

[\[Edit inline\]](#) [\[Edit\]](#) [\[Create PHP code\]](#)

⚠ Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

✔ 1 row inserted. (Query took 0.0025 seconds.)

```
INSERT INTO`doctor`(`DOCTOR_ID`,`F_NAME`,`L_NAME`,`PHONE_NUMBER`,`SPECILIZED_AREA`,`EMAIL`) VALUES('5','raaid','ismile','14596328745','Neurologists','raaid@gmail.com');
```

[\[Edit inline\]](#) [\[Edit\]](#) [\[Create PHP code\]](#)

⚠ Warning: #1264 Out of range value for column 'PHONE_NUMBER' at row 1

Patient Record

```
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('1','iflal','mohamed','2002-jul-21','M','1459785236','nathandi');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('2','janith','rathnayaka','2002-mar-01','M','58963147562','wellawatta colombo');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('3','sudhari','perera','2002-aug-15','F','26578963154','kuliypitiya');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('4','nirosh','baxy','2003-april-08','M','9874265312','kotahena colombo');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('5','thenusan','selvam','2003-feb-23','M','56974125639','kollupitiya colombo');
```

```
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('1','iflal','mohamed','2002-jul-21','M','1459785236','nathandi');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('2','janith','rathnayaka','2002-mar-01','M','58963147562','wellawatta colombo');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('3','sudhari','perera','2002-aug-15','F','26578963154','kuliypitiya');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('4','nirosh','baxy','2003-april-08','M','9874265312','kotahena colombo');
INSERT INTO `patient` (`PATIENT_NUM`,`F_NAME`,`L_NAME`,`DOB`,`GENDER`,`PHONE_NUMBER`,`ADDRESS`) VALUES ('5','thenusan','selvam','2003-feb-23','M','56974125639','kollupitiya colombo');
```

☐ Show all

Number of rows: 25

Filter rows:

Sort by key: None

Extra options

		PATIENT_NUM	F_NAME	L_NAME	DOB	GENDER	PHONE_NUMBER	ADDRESS
<input type="checkbox"/>	Edit Copy Delete	1	iflal	mohamed	2002-jul-2	M	1459785236	nathandi
<input type="checkbox"/>	Edit Copy Delete	2	janith	rathnayaka	2002-mar-0	M	2147483647	wellawatta colombo
<input type="checkbox"/>	Edit Copy Delete	3	sudhari	perera	2002-aug-1	F	2147483647	kuliypitiya
<input type="checkbox"/>	Edit Copy Delete	4	nirosh	baxy	2003-april	M	2147483647	kotahena colombo
<input type="checkbox"/>	Edit Copy Delete	5	thenusan	selvam	2003-feb-2	M	2147483647	kollupitiya colombo

☐ Check all

With selected: Edit Copy Delete Export

☐ Show all

Number of rows: 25

Filter rows:

Sort by key: None

Medical Record

```
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('1','2023-jan-3','kidney
faliour','dialysis','1','1');
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('2','2023-feb-21','check
up','checkups and screening tests','2','2');
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('3','2023-march-
15','heart attack','a open heart sugrory','3','3');
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('4','2023-april-16','back
pain','exercise and stretch','4','4');
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('5','2023-may-9','spinal
tumor','radiation therapy','5','5');
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all

Number of rows:

25

Filter rows:

Search this table

Sort by key:

None

Extra options

	RECORD_ID	DATE	TREATEMENT	DESCRIPTION	PATIENT_NUM	DOCTOR_ID
<input type="checkbox"/> Edit Copy Delete	1	2023-jan-3	kidney faliour	dialysis	1	1
<input type="checkbox"/> Edit Copy Delete	2	2023-feb-2	check up	checkups and screening tests	2	2
<input type="checkbox"/> Edit Copy Delete	3	2023-march	heart attack	a open heart sugrory	3	3
<input type="checkbox"/> Edit Copy Delete	4	2023-april	back pain	exercise and stretch	4	4
<input type="checkbox"/> Edit Copy Delete	5	2023-may-9	spinal tumor	radiation therapy	5	5

[↑](#)

☐ Check all

With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

✔ 1 row inserted. (Query took 0.0047 seconds.)

```
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('1','2023-jan-3','kidney faliour','dialysis','1','1');
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

✔ 1 row inserted. (Query took 0.0043 seconds.)

```
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('2','2023-feb-21','check up','checkups and screening tests','2','2');
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

⚠ Warning: #1285 Data truncated for column 'DATE' at row 1

✔ 1 row inserted. (Query took 0.0011 seconds.)

```
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('3','2023-march-15','heart attack','a open heart sugrory','3','3');
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

⚠ Warning: #1285 Data truncated for column 'DATE' at row 1

✔ 1 row inserted. (Query took 0.0017 seconds.)

```
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('4','2023-april-16','back pain','exercise and stretch','4','4');
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

⚠ Warning: #1285 Data truncated for column 'DATE' at row 1

✔ 1 row inserted. (Query took 0.0028 seconds.)

```
INSERT INTO `medical_record`(`RECORD_ID`,`DATE`,`TREATEMENT`,`DESCRIPTION`,`PATIENT_NUM`,`DOCTOR_ID`)VALUES ('5','2023-may-9','spinal tumor','radiation therapy','5','5');
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Appointment Link Record

```
INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('1','1','1','1','1');
INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('2','2','2','2','2');
INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('3','3','3','3','3');
INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('4','4','4','4','4');
INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('5','5','5','5','5');
```

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

	APPOINTMENT_ID	PATIENT_NUM	DOCTOR_ID	NURSE_ID	RECORD_ID
<div> <div>Click the drop-down arrow to toggle column's visibility.</div> <div> <div>delete</div> <div>1</div> <div>1</div> <div>1</div> <div>1</div> <div>1</div> </div> </div>					
<div> <div>Edit</div> <div>Copy</div> <div>Delete</div> </div>	2	2	2	2	2
<div> <div>Edit</div> <div>Copy</div> <div>Delete</div> </div>	3	3	3	3	3
<div> <div>Edit</div> <div>Copy</div> <div>Delete</div> </div>	4	4	4	4	4
<div> <div>Edit</div> <div>Copy</div> <div>Delete</div> </div>	5	5	5	5	5

Check all

With selected:

Edit

Copy

Delete

Export

1 row inserted. (Query took 0.0041 seconds.)

INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('1','1','1','1','1');

Edit inline

Edit

Create PHP code

1 row inserted. (Query took 0.0016 seconds.)

INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('2','2','2','2','2');

Edit inline

Edit

Create PHP code

1 row inserted. (Query took 0.0016 seconds.)

INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('3','3','3','3','3');

Edit inline

Edit

Create PHP code

1 row inserted. (Query took 0.0019 seconds.)

INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('4','4','4','4','4');

Edit inline

Edit

Create PHP code

1 row inserted. (Query took 0.0016 seconds.)

INSERT INTO `appointment_link`(`APPOINTMENT_ID`,`PATIENT_NUM`,`DOCTOR_ID`,`NURSE_ID`,`RECORD_ID`) VALUES ('5','5','5','5','5');

Edit inline

Edit

Create PHP code

11

Laboratory Record

INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('1','blood test','2023-jan-6','type o+','5');
INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('2','CBC','2023-march-28','WBC:4.8','1');
INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('3','urine','2023-march-15','normal','3');
INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('4','MRI','2023-feb-19','cancer','4');
INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('5','X-RAY','2023-april-','crack','2');

SELECT * FROM `laboratory_test`

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

LAB_NUM

TEST_NAME

DATE

REPORT

RECORD_ID

Edit

Copy

Delete

1

blood test

2023-jan-6

type o+

5

Edit

Copy

Delete

2

CBC

2023-march

WBC:4.8

1

Edit

Copy

Delete

3

urine

2023-march

normal

3

Edit

Copy

Delete

4

MRI

2023-feb-1

cancer

4

Edit

Copy

Delete

5

X-RAY

2023-april

crack

2

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

1 row inserted. (Query took 0.0045 seconds.)

INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('1','blood test','2023-jan-6','type o+','5');

Edit inlineEditCreate PHP code

1 row inserted. (Query took 0.0017 seconds.)

INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('2','CBC','2023-march-28','WBC:4.8','1');

Edit inlineEditCreate PHP code

Warning: #1265 Data truncated for column 'DATE' at row 1

1 row inserted. (Query took 0.0015 seconds.)

INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('3','urine','2023-march-15','normal','3');

Edit inlineEditCreate PHP code

Warning: #1265 Data truncated for column 'DATE' at row 1

1 row inserted. (Query took 0.0019 seconds.)

INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('4','MRI','2023-feb-19','cancer','4');

Edit inlineEditCreate PHP code

Warning: #1265 Data truncated for column 'DATE' at row 1

1 row inserted. (Query took 0.0019 seconds.)

INSERT INTO `laboratory_test`(`LAB_NUM`,`TEST_NAME`,`DATE`,`REPORT`,`RECORD_ID`) VALUES ('5','X-RAY','2023-april-','crack','2');

Edit inlineEditCreate PHP code

Warning: #1265 Data truncated for column 'DATE' at row 1

12

Company Record

INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('1','primacare');
INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('2','ezeyecare');
INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('3','pharmasence');
INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('4','barus');
INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('5','primacare');

SELECT * FROM `medical_company`

Profiling

[\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

COMPANY_ID

COMPANY_NAME

Edit

Copy

Delete

1

primacare

Edit

Copy

Delete

2

ezeyecare

Edit

Copy

Delete

3

pharmasence

Edit

Copy

Delete

4

barus

Edit

Copy

Delete

5

primacare

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

1 row inserted. (Query took 0.0045 seconds.)

INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('1','primacare');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

1 row inserted. (Query took 0.0020 seconds.)

INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('2','ezeyecare');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

1 row inserted. (Query took 0.0015 seconds.)

INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('3','pharmasence');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

1 row inserted. (Query took 0.0017 seconds.)

INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('4','barus');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

1 row inserted. (Query took 0.0015 seconds.)

INSERT INTO `medical_company`(`COMPANY_ID`,`COMPANY_NAME`) VALUES ('5','primacare');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

13

Drug Record

```
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('1','150mg','1');
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('2','150mg','2');
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('3','500mg','3');
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('4','15mg','4');
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('5','300mg','5');
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all

Number of rows:

25

Filter rows:

Search this table

Sort by key:

None

Extra options

				DRUG_ID	DRUG_STRENGTH	COMPANY_ID
<input type="checkbox"/>		Edit		Copy		Delete
				1	150mg	1
<input type="checkbox"/>		Edit		Copy		Delete
				2	150mg	2
<input type="checkbox"/>		Edit		Copy		Delete
				3	500mg	3
<input type="checkbox"/>		Edit		Copy		Delete
				4	15mg	4
<input type="checkbox"/>		Edit		Copy		Delete
				5	300mg	5

☐ Check all

With selected:

[Edit](#)

[Copy](#)

[Delete](#)

[Export](#)

✓ 1 row inserted. (Query took 0.0013 seconds.)

```
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('1','150mg','1');
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

✓ 1 row inserted. (Query took 0.0020 seconds.)

```
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('2','150mg','2');
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

✓ 1 row inserted. (Query took 0.0016 seconds.)

```
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('3','500mg','3');
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

✓ 1 row inserted. (Query took 0.0012 seconds.)

```
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('4','15mg','4');
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

✓ 1 row inserted. (Query took 0.0031 seconds.)

```
INSERT INTO `drugs`(`DRUG_ID`,`DRUG_STRENGTH`,`COMPANY_ID`) VALUES ('5','300mg','5');
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

Equipment Records

```
INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('1','MRI machine','1','1');
INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('2','urine test strip','2','2');
INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('3','venipuncture device','3','3');
INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('4','automatic hematology analyzer','4','4');
INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('5','radiography machine','5','5')
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

	EQUIPMENT_NUM	EQUIPMENT_NAME	LAB_NUM	COMPANY_ID
<input type="checkbox"/> Edit Copy Delete	1	MRI machine	1	1
<input type="checkbox"/> Edit Copy Delete	2	urine test strip	2	2
<input type="checkbox"/> Edit Copy Delete	3	venipuncture device	3	3
<input type="checkbox"/> Edit Copy Delete	4	automatic hematology analyzer	4	4
<input type="checkbox"/> Edit Copy Delete	5	radiography machine	5	5

Check all

With selected: Edit Copy Delete Export

1 row inserted. (Query took 0.0047 seconds.)

INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('1','MRI machine','1','1');

[Edit inline] [Edit] [Create PHP code]

1 row inserted. (Query took 0.0022 seconds.)

INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('2','urine test strip','2','2');

[Edit inline] [Edit] [Create PHP code]

1 row inserted. (Query took 0.0020 seconds.)

INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('3','venipuncture device','3','3');

[Edit inline] [Edit] [Create PHP code]

1 row inserted. (Query took 0.0017 seconds.)

INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('4','automatic hematology analyzer','4','4');

[Edit inline] [Edit] [Create PHP code]

1 row inserted. (Query took 0.0019 seconds.)

INSERT INTO `equipment`(`EQUIPMENT_NUM`,`EQUIPMENT_NAME`,`LAB_NUM`,`COMPANY_ID`) VALUES ('5','radiography machine','5','5');

[Edit inline] [Edit] [Create PHP code]

Prescription Records

INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('1','vitamin c','2023-jan-1','1','1');
INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('2','primidone','2023-feb-15','2','2');
INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('3','aspirin','2023-jan-28','3','3');
INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('4','ACE inhibitors','2023-feb-19','4','4');
INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('5','vitamin D','2023-feb-08','5','5');

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all

Number of rows: 25

Filter rows:

Sort by key: None

Extra options

	PRESCRIPTION_NUM	NAME	DATE	RECORD_ID	DRUG_ID
<input type="checkbox"/> Edit Copy Delete	1	vitamin c	2023-jan-1	1	1
<input type="checkbox"/> Edit Copy Delete	2	primidone	2023-feb-1	2	2
<input type="checkbox"/> Edit Copy Delete	3	aspirin	2023-jan-2	3	3
<input type="checkbox"/> Edit Copy Delete	4	ACE inhibitors	2023-feb-1	4	4
<input type="checkbox"/> Edit Copy Delete	5	vitamin D	2023-feb-0	5	5

☐ Check all

With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

1 row inserted. (Query took 0.0054 seconds.)

INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('1','vitamin c','2023-jan-1','1','1');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

1 row inserted. (Query took 0.0044 seconds.)

INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('2','primidone','2023-feb-15','2','2');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Warning: #1265 Data truncated for column 'DATE' at row 1

1 row inserted. (Query took 0.0017 seconds.)

INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('3','aspirin','2023-jan-28','3','3');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Warning: #1265 Data truncated for column 'DATE' at row 1

1 row inserted. (Query took 0.0016 seconds.)

INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('4','ACE inhibitors','2023-feb-19','4','4');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Warning: #1265 Data truncated for column 'DATE' at row 1

1 row inserted. (Query took 0.0017 seconds.)

INSERT INTO prescription(PRESCRIPTION_NUM,NAME,DATE,RECORD_ID,DRUG_ID) VALUES ('5','vitamin D','2023-feb-08','5','5');

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Warning: #1265 Data truncated for column 'DATE' at row 1

Task 03

Write and run an SQL statement to add one additional column (attribute) in any one of the existing tables with a default value.

- I'll include a new column to the table called PRESCRIPTION. The column name status, varchar data type, and default value are applicable.

ALTER TABLE prescription ADD status VARCHAR(10) DEFAULT 'present';

[Profiling](#)
[\[Edit inline \]](#)
[\[Edit \]](#)
[\[Explain SQL \]](#)
[\[Create PHP code \]](#)
[\[Refresh \]](#)

☐ Show all
 Number of rows: 25
 Filter rows:
Sort by key: None

Extra options

			PRESCRIPTION_NUM	NAME	DATE	RECORD_ID	DRUG_ID	status
<input type="checkbox"/>	Edit	Copy	Delete	1	vitamin c	2023-jan-1	1	1 present
<input type="checkbox"/>	Edit	Copy	Delete	2	primidone	2023-feb-1	2	2 present
<input type="checkbox"/>	Edit	Copy	Delete	3	aspirin	2023-jan-2	3	3 present
<input type="checkbox"/>	Edit	Copy	Delete	4	ACE inhibitors	2023-feb-1	4	4 present
<input type="checkbox"/>	Edit	Copy	Delete	5	vitamin D	2023-feb-0	5	5 present

☐ Check all
 With selected: Edit Copy Delete Export

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0096 seconds.)

```
ALTER TABLE prescription ADD status VARCHAR(10) DEFAULT 'present';
```

[\[Edit inline \]](#)
[\[Edit \]](#)
[\[Create PHP code \]](#)

Task 04

Write and run an SQL statement to update the default value of the newly added column to a different value for certain rows based on a condition using any other column.

- In this case, the requirement is WHERE NAME = "ACE inhibitors." The matched row's status column's new value is "not present."

UPDATE prescription SET status = 'not present' WHERE NAME = 'ACE inhibitors';

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: | Sort by key: None

Extra options

		PRESCRIPTION_NUM	NAME	DATE	RECORD_ID	DRUG_ID	status
<input type="checkbox"/>	Edit Copy Delete	1	vitamin c	2023-jan-1	1	1	present
<input type="checkbox"/>	Edit Copy Delete	2	primidone	2023-feb-1	2	2	present
<input type="checkbox"/>	Edit Copy Delete	3	aspirin	2023-jan-2	3	3	present
<input type="checkbox"/>	Edit Copy Delete	4	ACE inhibitors	2023-feb-1	4	4	not presen
<input type="checkbox"/>	Edit Copy Delete	5	vitamin D	2023-feb-0	5	5	present

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

1 row affected. (Query took 0.0044 seconds.)

```
UPDATE prescription SET status = 'not present' WHERE NAME = 'ACE inhibitors';
```

[\[Edit inline \]](#) [\[Edit \]](#) [\[Create PHP code \]](#)

Warning: #1265 Data truncated for column 'status' at row 4

Task 05

In this section, you are required to write SQL queries to interact with the database you implemented. Answer each SQL question in this section with the following:

- You first specify what you wish to do. Give a SQL statement to accomplish your goals and send a screenshot of the finished product once the SQL command has been successfully executed.

a) Write an SQL query to demonstrate the use of SELECT with INNER JOIN and ORDER BY.

- In order to join the patient table to the appointment link table (which has an alias as AL) on P. PATIENT_NUM = AL. PATIENT_NUM, I first select the F_NAME and L_NAME of the patient and doctor from the patient and doctor table, which is assigned with the alias as P and D. Next, I join the appointment link table on AL.DOCTOR_ID = D.DOCTOR_ID. As a result, this provides the patient's records with the physician's record to whom they have been allocated. Using the patient's F_NAME, it is arranged using order by.

Showing rows 0 - 4 (5 total, Query took 0.0035 seconds.) [F_NAME: IFLAL... - THENUSAN...]

```
SELECT P.F_NAME,P.L_NAME,D.F_NAME,D.L_NAME FROM patient P INNER JOIN appointment_link AL ON P.PATIENT_NUM = AL.PATIENT_NUM INNER JOIN doctor D ON AL.DOCTOR_ID = D.DOCTOR_ID ORDER BY P.F_NAME;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

F_NAME	L_NAME	F_NAME	L_NAME
iflal	mohamed	chinthaka	perera
janith	rathnayaka	shekaina	mathaiz
nirosh	bavy	sithum	sandheepa
sudhari	perera	riveen	haggale
thenusan	selvam	raaid	ismile

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

b. Write an SQL query to demonstrate the use of SELECT with WHERE and IN.

- When the doctor id equals 1, 2, or 5, all the records in the doctor table are selected.

SELECT * FROM doctor WHERE DOCTOR_ID IN (1,2,5);

✓ Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT * FROM doctor WHERE DOCTOR_ID IN (1,2,5);
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	DOCTOR_ID	F_NAME	L_NAME	PHONE_NUMBER	SPECILIZED_AREA	EMAIL
<input type="checkbox"/> Edit Copy Delete	1	chinthaka	perera	2147483647	Cardiologists	raaid@gmail.com
<input type="checkbox"/> Edit Copy Delete	2	shekaina	mathaiz	2147483647	Physician	mathaiz@gmail.com
<input type="checkbox"/> Edit Copy Delete	5	raaid	ismile	2147483647	Neurologists	raaid@gmail.com

↑ ☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

c. Write an SQL query to demonstrate the use of at least one DATE function.

- All the entries where the appointment month is January (2) are selected in this way from the appointment_details table.

SELECT * FROM appointment_details WHERE MONTH(APPOINTMENT_DATE) = 2;

✓ Showing rows 0 - 1 (2 total, Query took 0.0004 seconds.)

```
SELECT * FROM appointment_details WHERE MONTH(APPOINTMENT_DATE) = 2;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	APPOINTMENT_ID	APPOINTMENT_DATE	APPOINTMENT_TIME
<input type="checkbox"/> Edit Copy Delete	1	2023-02-12	15:00:00
<input type="checkbox"/> Edit Copy Delete	5	2023-02-28	00:00:12

↑ ☐ Check all | With selected: Edit Copy Delete Export

d. Write an SQL statement to create a VIEW using a SELECT statement with a JOIN. Provide the statement to create the VIEW you want and demonstrate the output of the VIEW using 'SELECT * FROM <viewname>;'.

- I made a virtual table named patient_doctor in this case, and I have aliases for the column names patient_fname and patient_lname, which are the same for the doctor. Afterwards, becomes a member of the The patient table is joined to the appointment link table on patient_num, while the doctor table is joined to doctor_id. By putting the matching names in the columns patient_fname, patient_lname, doctor_fname, and doctor_lname, this will generate a virtual table.

```
CREATE VIEW patient_doctor AS SELECT P.F_NAME AS patient_fname, P.L_NAME AS patient_lname, D.F_NAME AS doctor_fname, D.L_NAME AS doctor_lname FROM patient P JOIN appointment_link AL ON P.PATIENT_NUM = AL.PATIENT_NUM JOIN doctor D ON AL.DOCTOR_ID = D.DOCTOR_ID;
```

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0062 seconds.)

```
CREATE VIEW patient_doctor AS SELECT P.F_NAME AS patient_fname, P.L_NAME AS patient_lname, D.F_NAME AS doctor_fname, D.L_NAME AS doctor_lname FROM patient P JOIN appointment_link AL ON P.PATIENT_NUM = AL.PATIENT_NUM JOIN doctor D ON AL.DOCTOR_ID = D.DOCTOR_ID;
```

[Edit inline] [Edit] [Create PHP code]

SELECT * FROM `patient_doctor` WHERE 1

Showing rows 0 - 4 (5 total, Query took 0.0007 seconds.)

```
SELECT * FROM patient_doctor;
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	patient_fname	patient_lname	doctor_fname	doctor_lname
<input type="checkbox"/> Edit Copy Delete	iflal	mohamed	chinthaka	perera
<input type="checkbox"/> Edit Copy Delete	janith	rathnayaka	shekaina	mathaiz
<input type="checkbox"/> Edit Copy Delete	sudhari	perera	riveen	haggale
<input type="checkbox"/> Edit Copy Delete	nirosh	baxy	sithum	sandheepa
<input type="checkbox"/> Edit Copy Delete	thenusan	selvam	raaid	ismile