

## Oppgave 1:

Denne spørringen skal hente ut fornavn, etternavn og kjønn til alle pasienter som er menn (kjønn = M).

```
SELECT fornavn, etternavn, kjonn FROM oblig.oblig_1_2 WHERE kjonn = 'M';
```

The screenshot shows a database query tool interface. At the top, a tab labeled 'Oblig\_1\_3' is active. Below it, a toolbar contains various icons for file operations, search, and execution. The main query editor displays two lines of SQL code:

```
1 /*SELECT * FROM oblig.oblig_1_2;*/  
2 SELECT fornavn, etternavn, kjonn FROM oblig.oblig_1_2 WHERE kjonn = 'M';
```

Below the query editor, a 'Result Grid' tab is selected, showing a table with three columns: 'fornavn', 'etternavn', and 'kjonn'. The table contains 13 rows of data, all with 'M' in the 'kjonn' column. To the right of the table, there are buttons for 'Result Grid', 'Form Editor', and 'Field Types'. Below the table, a tab labeled 'oblig\_1\_2 6' is visible, with a 'Read Only' indicator.

At the bottom, an 'Output' section shows the 'Action Output' for the query execution. It displays a single entry with a green checkmark, indicating successful execution. The entry includes the query text, the time of execution (14:10:11), and the number of rows returned (273 row(s)).

fornavn	etternavn	kjonn
Donald	Waterfield	M
Mickey	Baasha	M
Jiji	Sharma	M
Blair	Diaz	M
Charles	Wolfe	M
Thomas	O'Neill	M
Sonny	Beckett	M
Cedric	Coltrane	M
Hank	Spencer	M
Rick	Bennett	M
Woody	Bashir	M
Tom	Halliwell	M

#	Time	Action	Message
1	14:10:11	SELECT fornavn, etternavn, kjonn FROM oblig.oblig_1_2 WHERE kjonn = 'M' LIMIT 0, 1...	273 row(s) returned

## Oppgave 2:

Spørringen henter ut fornavn og etternavn til alle pasienter uten allergier.

```
SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE allergier IS NULL
```

The screenshot shows a database management tool interface. At the top, a tab labeled 'Oblig\_1\_3\*' is active. Below it, a SQL editor contains three lines of code:

```
1 /*SELECT * FROM oblig.oblig_1_2;*/  
2 /*SELECT fornavn, etternavn, kjonn FROM oblig.oblig_1_2 WHERE kjonn = 'M';*/  
3 • SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE allergier IS NULL
```

Below the editor, a 'Result Grid' is displayed, showing a table with two columns: 'fornavn' and 'etternavn'. The table contains 11 rows of data:

fornavn	etternavn
Donald	Waterfield
Blair	Diaz
Thomas	O'Neill
Sonny	Beckett
Cedric	Coltrane
Hank	Spencer
Sara	di Marco
Amy	Leela
Rachel	Winterbourne
John	West
Jon	Doggett
Angel	Edwards

Below the result grid, there is an 'Output' section with a dropdown menu set to 'Action Output'. It shows a single entry:

#	Time	Action	Message
1	14:14:57	SELECT fomavn, ettemavn FROM oblig.oblig_1_2 WHERE allergier IS NULL LIMIT 0, 1...	243 row(s) returned

### Oppgave 3:

Spørringen henter ut fornavnet til alle pasienter hvor fornavnet starter med bokstaven «C».

```
SELECT fornavn FROM oblig.oblig_1_2 WHERE fornavn LIKE "C%";
```

The screenshot shows a database management tool interface. At the top, a tab labeled 'Oblig\_1\_3\*' is active. Below it is a toolbar with various icons and a 'Limit to 1000 rows' dropdown. The main area contains a SQL editor with the following code:

```
2
3  /* Oblig 1_3 starter her */
4
5  /*SELECT fornavn, etternavn, kjonn FROM oblig.oblig_1_2 WHERE kjonn = 'M';*/
6  /*SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE allergier IS NULL*/
7  • SELECT fornavn FROM oblig.oblig_1_2 WHERE fornavn LIKE "C%";
```

Below the editor is a 'Result Grid' section. It has a 'Filter Rows:' field, an 'Export:' button, and a 'Wrap Cell Content:' checkbox. The grid displays a list of first names (fornavn) that start with 'C':

fornavn
Charles
Cedric
Charles
Cross
Calleigh
Catherine
Caroline
Casanova
Chen
Charmian
Cary
Christine

On the right side of the interface, there are buttons for 'Result Grid', 'Form Editor', and 'Field Types'. At the bottom, there is an 'Output' section with a dropdown menu set to 'Action Output'. It shows a single action executed at 14:19:57, returning 26 rows.

#	Time	Action	Message
1	14:19:57	SELECT fornavn FROM oblig.oblig_1_2 WHERE fornavn LIKE "C%" LIMIT 0, 1000	26 row(s) returned

## Oppgave 4:

Spørringen henter ut fornavn og etternavn for pasientene som veier mellom 100 og 120 kilo.

```
SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE vekt >= 100 AND vekt <=120;
```

The screenshot shows a database query tool interface. The top pane displays a SQL query: `SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE vekt >= 100 AND vekt <=120;`. The bottom pane shows the results in a table with two columns: `fornavn` and `etternavn`. The results list 13 patients. On the right side of the interface, there are buttons for 'Result Grid', 'Form Editor', 'Field Types', and 'Query Stats'. At the bottom, the 'Output' pane shows the execution log with a message: 'SELECT fomavn, ettemavn FROM oblig.oblig\_1\_2 WHERE vekt >= 100 AND vekt <=12... 103 row(s) returned'.

fornavn	etternavn
Jiji	Sharma
Blair	Diaz
Thomas	ONeill
Sonny	Beckett
Tom	Halliwel
Jon	Doggett
Angel	Edwards
John	Farley
Temple	Russert
Don	Edwards
Gary	Ramotswe
Phil	Chester
Woody	Riviera
Rocky	Danabur

Output: Action Output

#	Time	Action	Message
1	13:12:27	SELECT fomavn, ettemavn FROM oblig.oblig_1_2 WHERE vekt >= 100 AND vekt <=12...	103 row(s) returned

## Oppgave 5:

Spørringen setter allergiverdiene til «NKA» hvis det er NULL fra før. Deretter printes kolonnen som inneholder alle allergiverdiene ut.

```
UPDATE oblig.oblig_1_2 SET allergier = "NKA" WHERE allergier IS NULL;  
SELECT allergier FROM oblig.oblig_1_2;
```

The screenshot shows a database management tool interface. At the top, there are tabs for 'Oblig\_1\_3' and 'oblig\_1\_2'. Below the tabs is a toolbar with various icons and a 'Limit to 1000 rows' dropdown. The main area displays a list of SQL queries, with the last two being the UPDATE and SELECT statements from the task. Below the queries is a 'Result Grid' section. The 'allergier' column is expanded, showing a list of values: NKA, Sulfa, Penicillin, NKA, Penicillin, Penicillin, NKA, NKA, Penicillin, NKA, and NKA. To the right of the Result Grid are buttons for 'Result Grid', 'Form Editor', and 'Field Types'. Below the Result Grid is an 'Output' section with a dropdown menu set to 'Action Output'. The output table shows two rows of execution results:

#	Time	Action	Message
✓ 1	13:21:11	UPDATE oblig.oblig_1_2 SET allergier = "NKA" WHERE allergier IS NULL	243 row(s) affected Rows matched: 243 Chang
✓ 2	13:21:11	SELECT allergier FROM oblig.oblig_1_2 LIMIT 0, 1000	500 row(s) returned

## Oppgave 6:

Spørringen slår sammen fornavn og etternavn og skriver de ut som en kolonne.

```
SELECT CONCAT(fornavn, ' ', etternavn) AS Fullt_navn FROM oblig_1_2;
```

The screenshot shows a SQL IDE interface. The top pane displays a script with several SQL statements, with the last statement highlighted:

```
6 /*SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE allergier IS NULL*/
7 /*SELECT fornavn FROM oblig.oblig_1_2 WHERE fornavn LIKE "C%";*/
8 /*SELECT fornavn, etternavn FROM oblig.oblig_1_2 WHERE vekt >= 100 AND vekt <=120;*/
9 /*UPDATE oblig.oblig_1_2 SET allergier = "NKA" WHERE allergier is NULL;*/
10 /*SELECT allergier FROM oblig.oblig_1_2;*/
11 • SELECT CONCAT(fornavn, ' ', etternavn) AS Fullt_navn FROM oblig_1_2;
```

The bottom pane shows the 'Result Grid' with the following data:

Fullt_navn
Donald Waterfield
Mickey Baasha
Jiji Sharma
Blair Diaz
Charles Wolfe
Sue Falcon

Below the result grid, the 'Output' pane shows the 'Action Output' table:

#	Time	Action	Message
✓ 1	13:38:22	SELECT CONCAT(fornavn, ' ', etternavn) AS Fullt_navn FR...	500 row(s) returned