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Subject: SQL Queries for Generating Schedules

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Code Used for Queries

This following code block shows the SQL queries used to generate the data.

```
/**
  Query 1: Single employee's schedule for 6 week period
 */
USE cmpsc431;
SELECT
  DATE_ADD(week.start_date, INTERVAL shift.day_ID - 1 DAY) AS 'shiftDate',
  weekday.day_name AS 'day',
  shift_time.shift_start AS 'start',
  shift_time.shift_end AS 'end',
  department.dept_name AS 'department',
  role.role AS 'role'
FROM shift, week, weekday, shift_time, department, role, certification, employee
WHERE shift.day_ID = weekday.day_ID
  AND shift.time_ID = shift_time.time_ID
  AND shift.dept_ID = department.dept_ID
  AND shift.week_ID = week.week_ID
  AND shift.emp_ID = employee.emp_ID
  AND employee.emp_ID = certification.emp_ID
  AND certification.role_ID = role.role_ID
  AND week.week_ID >= 1
  AND week.week_ID <= 6;

/**
  Query 2: Department's Needs for 1 week
 */
USE cmpsc431;
SELECT
  DATE_ADD(week.start_date, INTERVAL department_need.day_ID - 1 DAY) AS 'shiftDate',
  weekday.day_name AS 'day',
  shift_time.shift_start AS 'start',
  shift_time.shift_end AS 'end',
  department.dept_name AS 'department',
  role.role AS 'role',
  department_need.need AS 'needs'
FROM department_need, week, weekday, shift_time, department, role
WHERE department_need.week_ID = 1
  AND department_need.week_ID = week.week_ID
  AND department_need.day_ID = weekday.day_ID
  AND department_need.time_ID = shift_time.time_ID
  AND department_need.dept_ID = department.dept_ID
  AND department_need.role_ID = role.role_ID;

/**
  Query 3: Department Weekly Schedules
 */
USE cmpsc431;
SELECT
  department.dept_name AS 'department',
```

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    employee.fname                                AS 'firstName',
    employee.lname                                AS 'lastName',
    employee.phone1                               AS 'phoneNumber',
    DATE_ADD(week.start_date, INTERVAL shift.day_ID - 1 DAY) AS 'shiftDate',
    weekday.day_name                              AS 'day',
    shift_time.shift_start                        AS 'start',
    shift_time.shift_end                          AS 'end'
FROM department, week, employee, shift, shift_time, weekday
WHERE week.week_ID = 1
      AND shift.emp_ID = employee.emp_ID
      AND shift.dept_ID = department.dept_ID
      AND shift.time_ID = shift_time.time_ID
      AND shift.week_ID = week.week_ID
      AND shift.day_ID = weekday.day_ID
ORDER BY department, lastName, firstName;

/**
  Query 4: Employee Weekly Cost
*/
USE cmpsc431;
SELECT
    department.dept_name                        AS 'department',
    employee.fname                              AS 'firstName',
    employee.lname                              AS 'lastName',
    DATE_ADD(week.start_date, INTERVAL shift.day_ID - 1 DAY) AS 'shiftDate',
    shift_time.shift_start                      AS 'start',
    shift_time.shift_end                        AS 'end',
    employee.pay_rate * shift.pay_modifier * shift_time.shift_length AS 'pay',
    shift_status.status                         AS 'status'
FROM department, employee, shift, shift_time, week, shift_status
WHERE DATE_ADD(week.start_date, INTERVAL shift.day_ID - 1 DAY) >= '2017-10-01'
      AND DATE_ADD(week.start_date, INTERVAL shift.day_ID - 1 DAY) <= '2017-10-10'
      AND shift.emp_ID = employee.emp_ID
      AND shift.dept_ID = department.dept_ID
      AND shift.time_ID = shift_time.time_ID
      AND shift.week_ID = week.week_ID
      AND shift.status_ID = shift_status.status_ID
ORDER BY shiftDate, department, lastName, firstName;

/**
  Query 5: List of tables and their descriptions
*/
USE cmpsc431;
SHOW tables;
DESCRIBE address;
DESCRIBE certification;
DESCRIBE department;
DESCRIBE department_need;
DESCRIBE employee;
DESCRIBE role;
DESCRIBE shift;
DESCRIBE shift_status;
DESCRIBE shift_time;
DESCRIBE week;
DESCRIBE weekday;

/**
  Query 6: All data
*/
USE cmpsc431;
SELECT * FROM address;

```

```
SELECT * FROM certification;
SELECT * FROM department;
SELECT * FROM department_need;
SELECT * FROM employee;
SELECT * FROM role;
SELECT * FROM shift;
SELECT * FROM shift_status;
SELECT * FROM shift_time;
SELECT * FROM week;
SELECT * FROM weekday;
```

Query Results

Query 1

shiftDate	day	start	end	department	role
2017-10-07	SAT	19:00:00	07:00:00	OR	NP
2017-10-02	MON	23:00:00	07:00:00	ICU	NP
2017-10-01	SUN	19:00:00	07:00:00	ICU	NP
2017-10-04	WED	15:00:00	23:00:00	ER	NP
2017-10-03	TUE	15:00:00	23:00:00	MAT	NP
2017-10-14	SAT	19:00:00	07:00:00	ER	NP
2017-10-08	SUN	07:00:00	19:00:00	MAT	NP
2017-10-10	TUE	07:00:00	15:00:00	ICU	NP
2017-10-11	WED	23:00:00	07:00:00	QUARR	NP
2017-10-12	THU	15:00:00	23:00:00	OR	NP
2017-10-16	MON	15:00:00	23:00:00	PSYCH	NP
2017-10-15	SUN	07:00:00	19:00:00	ICU	NP
2017-10-18	WED	15:00:00	23:00:00	OR	NP
2017-10-17	TUE	07:00:00	15:00:00	OR	NP
2017-10-20	FRI	23:00:00	07:00:00	MAT	NP
2017-10-22	SUN	07:00:00	19:00:00	PSYCH	NP
2017-10-23	MON	23:00:00	07:00:00	PSYCH	NP
2017-10-27	FRI	15:00:00	23:00:00	ER	NP
2017-10-28	SAT	19:00:00	07:00:00	OR	NP
2017-10-26	THU	07:00:00	15:00:00	QUARR	NP
2017-11-03	FRI	15:00:00	23:00:00	PSYCH	NP
2017-11-02	THU	07:00:00	15:00:00	QUARR	NP
2017-11-04	SAT	19:00:00	07:00:00	MAT	NP
2017-10-29	SUN	19:00:00	07:00:00	OR	NP
2017-10-30	MON	15:00:00	23:00:00	QUARR	NP
2017-11-11	SAT	07:00:00	19:00:00	QUARR	NP
2017-11-07	TUE	15:00:00	23:00:00	QUARR	NP
2017-11-09	THU	23:00:00	07:00:00	MAT	NP
2017-11-10	FRI	07:00:00	15:00:00	ICU	NP
2017-11-08	WED	15:00:00	23:00:00	PSYCH	NP
2017-10-07	SAT	19:00:00	07:00:00	ICU	LPN
2017-10-06	FRI	15:00:00	23:00:00	QUARR	LPN
2017-10-05	THU	23:00:00	07:00:00	OR	LPN
2017-10-04	WED	15:00:00	23:00:00	MAT	LPN
2017-10-01	SUN	07:00:00	19:00:00	ICU	LPN
2017-10-10	TUE	23:00:00	07:00:00	ER	LPN
2017-10-09	MON	15:00:00	23:00:00	PSYCH	LPN
2017-10-11	WED	15:00:00	23:00:00	ER	LPN
2017-10-08	SUN	19:00:00	07:00:00	ER	LPN
2017-10-13	FRI	23:00:00	07:00:00	PSYCH	LPN
2017-10-17	TUE	23:00:00	07:00:00	PSYCH	LPN
2017-10-18	WED	23:00:00	07:00:00	PSYCH	LPN

2017-10-20	FRI	07:00:00	15:00:00	ER	LPN
2017-10-19	THU	23:00:00	07:00:00	QUARR	LPN
2017-10-16	MON	07:00:00	15:00:00	OR	LPN
2017-10-23	MON	23:00:00	07:00:00	QUARR	LPN
2017-10-22	SUN	07:00:00	19:00:00	OR	LPN
2017-10-28	SAT	19:00:00	07:00:00	ICU	LPN
2017-10-27	FRI	23:00:00	07:00:00	ER	LPN
2017-10-26	THU	07:00:00	15:00:00	OR	LPN
2017-11-01	WED	07:00:00	15:00:00	PSYCH	LPN
2017-10-30	MON	23:00:00	07:00:00	OR	LPN
2017-11-03	FRI	23:00:00	07:00:00	ER	LPN
2017-10-29	SUN	19:00:00	07:00:00	OR	LPN
2017-11-02	THU	15:00:00	23:00:00	PSYCH	LPN
2017-11-06	MON	07:00:00	15:00:00	ER	LPN
2017-11-09	THU	07:00:00	15:00:00	ER	LPN
2017-11-05	SUN	07:00:00	19:00:00	OR	LPN
2017-11-08	WED	07:00:00	15:00:00	PSYCH	LPN
2017-11-11	SAT	19:00:00	07:00:00	ICU	LPN
2017-10-05	THU	23:00:00	07:00:00	OR	NA
2017-10-04	WED	23:00:00	07:00:00	PSYCH	NA
2017-10-06	FRI	15:00:00	23:00:00	QUARR	NA
2017-10-01	SUN	07:00:00	19:00:00	ICU	NA
2017-10-07	SAT	07:00:00	19:00:00	QUARR	NA
2017-10-12	THU	07:00:00	15:00:00	MAT	NA
2017-10-13	FRI	23:00:00	07:00:00	OR	NA
2017-10-10	TUE	23:00:00	07:00:00	MAT	NA
2017-10-11	WED	07:00:00	15:00:00	MAT	NA
2017-10-09	MON	15:00:00	23:00:00	QUARR	NA
2017-10-17	TUE	23:00:00	07:00:00	OR	NA
2017-10-19	THU	15:00:00	23:00:00	PSYCH	NA
2017-10-16	MON	15:00:00	23:00:00	MAT	NA
2017-10-21	SAT	07:00:00	19:00:00	MAT	NA
2017-10-20	FRI	15:00:00	23:00:00	OR	NA
2017-10-22	SUN	19:00:00	07:00:00	OR	NA
2017-10-24	TUE	07:00:00	15:00:00	ER	NA
2017-10-28	SAT	19:00:00	07:00:00	OR	NA
2017-10-25	WED	23:00:00	07:00:00	ICU	NA
2017-10-26	THU	07:00:00	15:00:00	QUARR	NA
2017-10-29	SUN	19:00:00	07:00:00	ICU	NA
2017-11-04	SAT	07:00:00	19:00:00	PSYCH	NA
2017-10-31	TUE	15:00:00	23:00:00	OR	NA
2017-11-02	THU	07:00:00	15:00:00	QUARR	NA
2017-11-03	FRI	15:00:00	23:00:00	QUARR	NA
2017-11-07	TUE	23:00:00	07:00:00	PSYCH	NA
2017-11-05	SUN	07:00:00	19:00:00	PSYCH	NA
2017-11-08	WED	07:00:00	15:00:00	PSYCH	NA
2017-11-09	THU	23:00:00	07:00:00	PSYCH	NA
2017-11-10	FRI	07:00:00	15:00:00	ICU	NA
2017-10-06	FRI	15:00:00	23:00:00	OR	RN
2017-10-04	WED	07:00:00	15:00:00	PSYCH	RN
2017-10-03	TUE	07:00:00	15:00:00	ICU	RN
2017-10-02	MON	23:00:00	07:00:00	PSYCH	RN
2017-10-05	THU	07:00:00	15:00:00	ER	RN
2017-10-14	SAT	19:00:00	07:00:00	ICU	RN
2017-10-10	TUE	23:00:00	07:00:00	MAT	RN
2017-10-09	MON	07:00:00	15:00:00	OR	RN
2017-10-11	WED	15:00:00	23:00:00	PSYCH	RN
2017-10-12	THU	23:00:00	07:00:00	PSYCH	RN
2017-10-18	WED	07:00:00	15:00:00	MAT	RN
2017-10-21	SAT	07:00:00	19:00:00	QUARR	RN
2017-10-15	SUN	19:00:00	07:00:00	PSYCH	RN
2017-10-20	FRI	23:00:00	07:00:00	MAT	RN

2017-10-16	MON	23:00:00	07:00:00	PSYCH	RN
2017-10-24	TUE	07:00:00	15:00:00	MAT	RN
2017-10-28	SAT	07:00:00	19:00:00	OR	RN
2017-10-25	WED	23:00:00	07:00:00	OR	RN
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2017-10-29	SUN	19:00:00	07:00:00	QUARR	RN
2017-11-11	SAT	19:00:00	07:00:00	QUARR	RN
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2017-10-07	SAT	07:00:00	19:00:00	OR	RN
2017-10-01	SUN	07:00:00	19:00:00	MAT	RN
2017-10-06	FRI	07:00:00	15:00:00	MAT	RN
2017-10-03	TUE	23:00:00	07:00:00	PSYCH	RN
2017-10-02	MON	23:00:00	07:00:00	ICU	RN
2017-10-12	THU	07:00:00	15:00:00	ICU	RN
2017-10-14	SAT	07:00:00	19:00:00	PSYCH	RN
2017-10-09	MON	15:00:00	23:00:00	OR	RN
2017-10-08	SUN	07:00:00	19:00:00	ICU	RN
2017-10-10	TUE	23:00:00	07:00:00	OR	RN
2017-10-20	FRI	23:00:00	07:00:00	ER	RN
2017-10-21	SAT	07:00:00	19:00:00	QUARR	RN
2017-10-19	THU	23:00:00	07:00:00	QUARR	RN
2017-10-16	MON	15:00:00	23:00:00	MAT	RN
2017-10-17	TUE	07:00:00	15:00:00	ER	RN
2017-10-26	THU	07:00:00	15:00:00	MAT	RN
2017-10-27	FRI	07:00:00	15:00:00	QUARR	RN
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2017-10-31	TUE	23:00:00	07:00:00	ER	RN
2017-11-02	THU	15:00:00	23:00:00	QUARR	RN
2017-11-03	FRI	23:00:00	07:00:00	QUARR	RN
2017-11-11	SAT	07:00:00	19:00:00	PSYCH	RN
2017-11-07	TUE	23:00:00	07:00:00	ICU	RN
2017-11-08	WED	15:00:00	23:00:00	OR	RN
2017-11-09	THU	23:00:00	07:00:00	OR	RN
2017-11-06	MON	23:00:00	07:00:00	MAT	RN
2017-10-01	SUN	07:00:00	19:00:00	PSYCH	CNS
2017-10-05	THU	15:00:00	23:00:00	QUARR	CNS
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	CNS
2017-10-04	WED	15:00:00	23:00:00	OR	CNS
2017-10-02	MON	15:00:00	23:00:00	QUARR	CNS
2017-10-09	MON	23:00:00	07:00:00	QUARR	CNS
2017-10-11	WED	23:00:00	07:00:00	ICU	CNS
2017-10-14	SAT	19:00:00	07:00:00	MAT	CNS
2017-10-10	TUE	15:00:00	23:00:00	QUARR	CNS
2017-10-12	THU	15:00:00	23:00:00	ER	CNS
2017-10-20	FRI	23:00:00	07:00:00	OR	CNS
2017-10-16	MON	23:00:00	07:00:00	QUARR	CNS
2017-10-18	WED	15:00:00	23:00:00	OR	CNS
2017-10-15	SUN	07:00:00	19:00:00	OR	CNS
2017-10-21	SAT	19:00:00	07:00:00	QUARR	CNS
2017-10-22	SUN	07:00:00	19:00:00	ER	CNS

2017-10-27	FRI	07:00:00	15:00:00	ER	CNS
2017-10-28	SAT	19:00:00	07:00:00	ICU	CNS
2017-10-25	WED	15:00:00	23:00:00	QUARR	CNS
2017-10-26	THU	07:00:00	15:00:00	PSYCH	CNS
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2017-11-03	FRI	15:00:00	23:00:00	QUARR	CNS
2017-10-30	MON	15:00:00	23:00:00	ICU	CNS
2017-11-10	FRI	07:00:00	15:00:00	MAT	CNS
2017-11-11	SAT	07:00:00	19:00:00	OR	CNS
2017-11-09	THU	15:00:00	23:00:00	QUARR	CNS
2017-11-07	TUE	07:00:00	15:00:00	OR	CNS
2017-11-05	SUN	07:00:00	19:00:00	QUARR	CNS
2017-10-01	SUN	07:00:00	19:00:00	MAT	NA
2017-10-06	FRI	23:00:00	07:00:00	PSYCH	NA
2017-10-05	THU	07:00:00	15:00:00	QUARR	NA
2017-10-04	WED	23:00:00	07:00:00	ER	NA
2017-10-07	SAT	19:00:00	07:00:00	MAT	NA
2017-10-10	TUE	15:00:00	23:00:00	QUARR	NA
2017-10-08	SUN	19:00:00	07:00:00	MAT	NA
2017-10-14	SAT	07:00:00	19:00:00	QUARR	NA
2017-10-13	FRI	23:00:00	07:00:00	ICU	NA
2017-10-11	WED	15:00:00	23:00:00	ICU	NA
2017-10-19	THU	15:00:00	23:00:00	ER	NA
2017-10-17	TUE	07:00:00	15:00:00	OR	NA
2017-10-18	WED	07:00:00	15:00:00	ER	NA
2017-10-21	SAT	07:00:00	19:00:00	MAT	NA
2017-10-20	FRI	15:00:00	23:00:00	OR	NA
2017-10-23	MON	23:00:00	07:00:00	ICU	NA
2017-10-22	SUN	19:00:00	07:00:00	PSYCH	NA
2017-10-25	WED	23:00:00	07:00:00	MAT	NA
2017-10-24	TUE	23:00:00	07:00:00	QUARR	NA
2017-10-26	THU	07:00:00	15:00:00	ICU	NA
2017-10-31	TUE	15:00:00	23:00:00	QUARR	NA
2017-10-29	SUN	19:00:00	07:00:00	OR	NA
2017-11-02	THU	07:00:00	15:00:00	OR	NA
2017-11-04	SAT	07:00:00	19:00:00	ICU	NA
2017-10-30	MON	15:00:00	23:00:00	ER	NA
2017-11-08	WED	07:00:00	15:00:00	ER	NA
2017-11-09	THU	07:00:00	15:00:00	PSYCH	NA
2017-11-11	SAT	19:00:00	07:00:00	QUARR	NA
2017-11-06	MON	15:00:00	23:00:00	ICU	NA
2017-11-10	FRI	07:00:00	15:00:00	PSYCH	NA
2017-10-06	FRI	15:00:00	23:00:00	ICU	RN
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	RN
2017-10-05	THU	15:00:00	23:00:00	ICU	RN
2017-10-01	SUN	07:00:00	19:00:00	QUARR	RN
2017-10-02	MON	23:00:00	07:00:00	ICU	RN
2017-10-12	THU	15:00:00	23:00:00	ICU	RN
2017-10-09	MON	07:00:00	15:00:00	ER	RN
2017-10-10	TUE	07:00:00	15:00:00	ER	RN
2017-10-13	FRI	07:00:00	15:00:00	PSYCH	RN
2017-10-11	WED	23:00:00	07:00:00	MAT	RN
2017-10-17	TUE	23:00:00	07:00:00	OR	RN
2017-10-21	SAT	19:00:00	07:00:00	ICU	RN
2017-10-19	THU	07:00:00	15:00:00	PSYCH	RN
2017-10-18	WED	23:00:00	07:00:00	QUARR	RN
2017-10-15	SUN	19:00:00	07:00:00	QUARR	RN
2017-10-25	WED	07:00:00	15:00:00	QUARR	RN
2017-10-28	SAT	19:00:00	07:00:00	QUARR	RN
2017-10-23	MON	15:00:00	23:00:00	ICU	RN

2017-10-22	SUN	07:00:00	19:00:00	ICU	RN
2017-10-24	TUE	23:00:00	07:00:00	ER	RN
2017-11-01	WED	15:00:00	23:00:00	OR	RN
2017-10-30	MON	23:00:00	07:00:00	ICU	RN
2017-10-31	TUE	15:00:00	23:00:00	PSYCH	RN
2017-10-29	SUN	19:00:00	07:00:00	QUARR	RN
2017-11-04	SAT	07:00:00	19:00:00	OR	RN
2017-11-05	SUN	19:00:00	07:00:00	ER	RN
2017-11-09	THU	23:00:00	07:00:00	QUARR	RN
2017-11-06	MON	15:00:00	23:00:00	OR	RN
2017-11-08	WED	07:00:00	15:00:00	ICU	RN
2017-11-11	SAT	19:00:00	07:00:00	ICU	RN
2017-10-05	THU	07:00:00	15:00:00	QUARR	NA
2017-10-04	WED	23:00:00	07:00:00	QUARR	NA
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	NA
2017-10-06	FRI	07:00:00	15:00:00	OR	NA
2017-10-02	MON	23:00:00	07:00:00	MAT	NA
2017-10-11	WED	07:00:00	15:00:00	ICU	NA
2017-10-13	FRI	23:00:00	07:00:00	QUARR	NA
2017-10-14	SAT	19:00:00	07:00:00	ICU	NA
2017-10-08	SUN	19:00:00	07:00:00	PSYCH	NA
2017-10-12	THU	23:00:00	07:00:00	OR	NA
2017-10-20	FRI	07:00:00	15:00:00	PSYCH	NA
2017-10-15	SUN	19:00:00	07:00:00	MAT	NA
2017-10-19	THU	23:00:00	07:00:00	OR	NA
2017-10-17	TUE	23:00:00	07:00:00	QUARR	NA
2017-10-21	SAT	07:00:00	19:00:00	ER	NA
2017-10-22	SUN	19:00:00	07:00:00	PSYCH	NA
2017-10-26	THU	23:00:00	07:00:00	QUARR	NA
2017-10-24	TUE	15:00:00	23:00:00	OR	NA
2017-10-23	MON	15:00:00	23:00:00	QUARR	NA
2017-10-25	WED	23:00:00	07:00:00	MAT	NA
2017-11-02	THU	07:00:00	15:00:00	ICU	NA
2017-11-01	WED	07:00:00	15:00:00	OR	NA
2017-11-04	SAT	19:00:00	07:00:00	OR	NA
2017-10-29	SUN	07:00:00	19:00:00	ICU	NA
2017-11-03	FRI	07:00:00	15:00:00	MAT	NA
2017-11-07	TUE	07:00:00	15:00:00	PSYCH	NA
2017-11-11	SAT	07:00:00	19:00:00	MAT	NA
2017-11-10	FRI	15:00:00	23:00:00	QUARR	NA
2017-11-06	MON	15:00:00	23:00:00	ICU	NA
2017-11-05	SUN	07:00:00	19:00:00	PSYCH	NA
2017-10-01	SUN	19:00:00	07:00:00	ER	LPN
2017-10-03	TUE	07:00:00	15:00:00	ICU	LPN
2017-10-06	FRI	07:00:00	15:00:00	OR	LPN
2017-10-05	THU	15:00:00	23:00:00	ICU	LPN
2017-10-04	WED	23:00:00	07:00:00	PSYCH	LPN
2017-10-11	WED	15:00:00	23:00:00	ER	LPN
2017-10-10	TUE	15:00:00	23:00:00	OR	LPN
2017-10-09	MON	15:00:00	23:00:00	MAT	LPN
2017-10-14	SAT	07:00:00	19:00:00	ICU	LPN
2017-10-13	FRI	07:00:00	15:00:00	MAT	LPN
2017-10-20	FRI	23:00:00	07:00:00	QUARR	LPN
2017-10-18	WED	23:00:00	07:00:00	MAT	LPN
2017-10-21	SAT	07:00:00	19:00:00	OR	LPN
2017-10-15	SUN	19:00:00	07:00:00	PSYCH	LPN
2017-10-19	THU	23:00:00	07:00:00	MAT	LPN
2017-10-24	TUE	23:00:00	07:00:00	QUARR	LPN
2017-10-22	SUN	19:00:00	07:00:00	MAT	LPN
2017-10-27	FRI	07:00:00	15:00:00	OR	LPN
2017-10-23	MON	07:00:00	15:00:00	ER	LPN
2017-10-26	THU	07:00:00	15:00:00	ER	LPN

2017-11-04	SAT	19:00:00	07:00:00	ER	LPN
2017-11-02	THU	15:00:00	23:00:00	QUARR	LPN
2017-10-31	TUE	23:00:00	07:00:00	QUARR	LPN
2017-11-03	FRI	07:00:00	15:00:00	PSYCH	LPN
2017-10-30	MON	07:00:00	15:00:00	PSYCH	LPN
2017-11-11	SAT	19:00:00	07:00:00	QUARR	LPN
2017-11-07	TUE	07:00:00	15:00:00	ER	LPN
2017-11-05	SUN	19:00:00	07:00:00	ICU	LPN
2017-11-06	MON	07:00:00	15:00:00	QUARR	LPN
2017-11-08	WED	23:00:00	07:00:00	QUARR	LPN
2017-10-03	TUE	15:00:00	23:00:00	ICU	CNS
2017-10-05	THU	15:00:00	23:00:00	ER	CNS
2017-10-04	WED	07:00:00	15:00:00	ER	CNS
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	CNS
2017-10-06	FRI	23:00:00	07:00:00	QUARR	CNS
2017-10-10	TUE	07:00:00	15:00:00	QUARR	CNS
2017-10-14	SAT	19:00:00	07:00:00	ICU	CNS
2017-10-09	MON	07:00:00	15:00:00	OR	CNS
2017-10-08	SUN	19:00:00	07:00:00	MAT	CNS
2017-10-13	FRI	23:00:00	07:00:00	MAT	CNS
2017-10-17	TUE	07:00:00	15:00:00	QUARR	CNS
2017-10-18	WED	23:00:00	07:00:00	QUARR	CNS
2017-10-16	MON	15:00:00	23:00:00	PSYCH	CNS
2017-10-21	SAT	19:00:00	07:00:00	ER	CNS
2017-10-20	FRI	23:00:00	07:00:00	PSYCH	CNS
2017-10-26	THU	07:00:00	15:00:00	OR	CNS
2017-10-22	SUN	19:00:00	07:00:00	ER	CNS
2017-10-28	SAT	19:00:00	07:00:00	OR	CNS
2017-10-25	WED	15:00:00	23:00:00	MAT	CNS
2017-10-27	FRI	23:00:00	07:00:00	PSYCH	CNS
2017-11-03	FRI	07:00:00	15:00:00	ICU	CNS
2017-10-29	SUN	19:00:00	07:00:00	ER	CNS
2017-10-31	TUE	07:00:00	15:00:00	ICU	CNS
2017-11-02	THU	23:00:00	07:00:00	QUARR	CNS
2017-10-30	MON	23:00:00	07:00:00	ER	CNS
2017-11-05	SUN	19:00:00	07:00:00	MAT	CNS
2017-11-08	WED	15:00:00	23:00:00	PSYCH	CNS
2017-11-09	THU	07:00:00	15:00:00	PSYCH	CNS
2017-11-06	MON	23:00:00	07:00:00	ER	CNS
2017-11-11	SAT	19:00:00	07:00:00	ER	CNS
2017-10-03	TUE	23:00:00	07:00:00	OR	NP
2017-10-02	MON	23:00:00	07:00:00	PSYCH	NP
2017-10-05	THU	23:00:00	07:00:00	MAT	NP
2017-10-01	SUN	07:00:00	19:00:00	PSYCH	NP
2017-10-04	WED	15:00:00	23:00:00	ICU	NP
2017-10-12	THU	23:00:00	07:00:00	QUARR	NP
2017-10-10	TUE	15:00:00	23:00:00	PSYCH	NP
2017-10-13	FRI	15:00:00	23:00:00	QUARR	NP
2017-10-11	WED	07:00:00	15:00:00	ICU	NP
2017-10-14	SAT	19:00:00	07:00:00	PSYCH	NP
2017-10-18	WED	15:00:00	23:00:00	OR	NP
2017-10-21	SAT	19:00:00	07:00:00	QUARR	NP
2017-10-16	MON	07:00:00	15:00:00	OR	NP
2017-10-17	TUE	15:00:00	23:00:00	ER	NP
2017-10-15	SUN	19:00:00	07:00:00	PSYCH	NP
2017-10-25	WED	23:00:00	07:00:00	OR	NP
2017-10-23	MON	15:00:00	23:00:00	MAT	NP
2017-10-26	THU	07:00:00	15:00:00	ER	NP
2017-10-22	SUN	19:00:00	07:00:00	ER	NP
2017-10-28	SAT	19:00:00	07:00:00	MAT	NP
2017-11-04	SAT	19:00:00	07:00:00	ER	NP
2017-11-01	WED	15:00:00	23:00:00	ER	NP

2017-10-31	TUE	15:00:00	23:00:00	OR	NP
2017-11-02	THU	07:00:00	15:00:00	QUARR	NP
2017-10-29	SUN	19:00:00	07:00:00	ICU	NP
2017-11-06	MON	07:00:00	15:00:00	ICU	NP
2017-11-08	WED	07:00:00	15:00:00	ER	NP
2017-11-10	FRI	23:00:00	07:00:00	ER	NP
2017-11-11	SAT	19:00:00	07:00:00	PSYCH	NP
2017-11-07	TUE	23:00:00	07:00:00	OR	NP
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2017-10-06	FRI	07:00:00	15:00:00	PSYCH	CNS
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	CNS
2017-10-05	THU	07:00:00	15:00:00	OR	CNS
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2017-10-11	WED	23:00:00	07:00:00	ER	CNS
2017-10-10	TUE	23:00:00	07:00:00	ER	CNS
2017-10-09	MON	23:00:00	07:00:00	MAT	CNS
2017-10-18	WED	23:00:00	07:00:00	MAT	CNS
2017-10-17	TUE	15:00:00	23:00:00	OR	CNS
2017-10-19	THU	15:00:00	23:00:00	ICU	CNS
2017-10-21	SAT	07:00:00	19:00:00	OR	CNS
2017-10-20	FRI	15:00:00	23:00:00	QUARR	CNS
2017-10-22	SUN	07:00:00	19:00:00	QUARR	CNS
2017-10-26	THU	15:00:00	23:00:00	MAT	CNS
2017-10-27	FRI	07:00:00	15:00:00	PSYCH	CNS
2017-10-23	MON	07:00:00	15:00:00	MAT	CNS
2017-10-25	WED	23:00:00	07:00:00	ICU	CNS
2017-11-02	THU	07:00:00	15:00:00	PSYCH	CNS
2017-11-04	SAT	19:00:00	07:00:00	ICU	CNS
2017-10-31	TUE	15:00:00	23:00:00	PSYCH	CNS
2017-10-29	SUN	19:00:00	07:00:00	MAT	CNS
2017-10-30	MON	23:00:00	07:00:00	ICU	CNS
2017-11-10	FRI	23:00:00	07:00:00	OR	CNS
2017-11-09	THU	15:00:00	23:00:00	ICU	CNS
2017-11-05	SUN	19:00:00	07:00:00	QUARR	CNS
2017-11-07	TUE	23:00:00	07:00:00	ICU	CNS
2017-11-06	MON	15:00:00	23:00:00	OR	CNS
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2017-10-14	SAT	07:00:00	19:00:00	ICU	LPN
2017-10-12	THU	07:00:00	15:00:00	PSYCH	LPN
2017-10-11	WED	07:00:00	15:00:00	ER	LPN
2017-10-09	MON	07:00:00	15:00:00	MAT	LPN
2017-10-08	SUN	07:00:00	19:00:00	QUARR	LPN
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2017-10-20	FRI	07:00:00	15:00:00	MAT	LPN
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2017-10-28	SAT	19:00:00	07:00:00	ICU	LPN
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2017-10-23	MON	15:00:00	23:00:00	ER	LPN
2017-11-02	THU	23:00:00	07:00:00	ER	LPN
2017-11-03	FRI	07:00:00	15:00:00	QUARR	LPN
2017-11-01	WED	23:00:00	07:00:00	ER	LPN
2017-11-04	SAT	19:00:00	07:00:00	ER	LPN

2017-10-30	MON	07:00:00	15:00:00	MAT	LPN
2017-11-06	MON	15:00:00	23:00:00	OR	LPN
2017-11-11	SAT	19:00:00	07:00:00	PSYCH	LPN
2017-11-10	FRI	15:00:00	23:00:00	QUARR	LPN
2017-11-08	WED	15:00:00	23:00:00	MAT	LPN
2017-11-05	SUN	07:00:00	19:00:00	MAT	LPN
2017-10-06	FRI	07:00:00	15:00:00	OR	CNS
2017-10-04	WED	15:00:00	23:00:00	OR	CNS
2017-10-02	MON	07:00:00	15:00:00	MAT	CNS
2017-10-05	THU	07:00:00	15:00:00	MAT	CNS
2017-10-03	TUE	23:00:00	07:00:00	QUARR	CNS
2017-10-11	WED	15:00:00	23:00:00	MAT	CNS
2017-10-09	MON	23:00:00	07:00:00	QUARR	CNS
2017-10-14	SAT	19:00:00	07:00:00	QUARR	CNS
2017-10-12	THU	07:00:00	15:00:00	ICU	CNS
2017-10-13	FRI	15:00:00	23:00:00	ER	CNS
2017-10-15	SUN	19:00:00	07:00:00	MAT	CNS
2017-10-16	MON	23:00:00	07:00:00	ER	CNS
2017-10-21	SAT	19:00:00	07:00:00	MAT	CNS
2017-10-17	TUE	23:00:00	07:00:00	PSYCH	CNS
2017-10-18	WED	23:00:00	07:00:00	OR	CNS
2017-10-27	FRI	15:00:00	23:00:00	QUARR	CNS
2017-10-22	SUN	07:00:00	19:00:00	ICU	CNS
2017-10-28	SAT	19:00:00	07:00:00	MAT	CNS
2017-10-24	TUE	15:00:00	23:00:00	MAT	CNS
2017-10-25	WED	15:00:00	23:00:00	QUARR	CNS
2017-11-04	SAT	19:00:00	07:00:00	ICU	CNS
2017-11-03	FRI	07:00:00	15:00:00	QUARR	CNS
2017-11-02	THU	15:00:00	23:00:00	ER	CNS
2017-10-30	MON	07:00:00	15:00:00	PSYCH	CNS
2017-10-29	SUN	19:00:00	07:00:00	ER	CNS
2017-11-05	SUN	07:00:00	19:00:00	ICU	CNS
2017-11-11	SAT	19:00:00	07:00:00	PSYCH	CNS
2017-11-07	TUE	15:00:00	23:00:00	OR	CNS
2017-11-10	FRI	07:00:00	15:00:00	OR	CNS
2017-11-06	MON	07:00:00	15:00:00	PSYCH	CNS
2017-10-06	FRI	15:00:00	23:00:00	OR	RN
2017-10-04	WED	23:00:00	07:00:00	QUARR	RN
2017-10-03	TUE	15:00:00	23:00:00	MAT	RN
2017-10-07	SAT	19:00:00	07:00:00	ICU	RN
2017-10-01	SUN	19:00:00	07:00:00	ER	RN
2017-10-13	FRI	23:00:00	07:00:00	QUARR	RN
2017-10-09	MON	23:00:00	07:00:00	PSYCH	RN
2017-10-10	TUE	07:00:00	15:00:00	PSYCH	RN
2017-10-08	SUN	07:00:00	19:00:00	PSYCH	RN
2017-10-11	WED	23:00:00	07:00:00	ER	RN
2017-10-17	TUE	23:00:00	07:00:00	OR	RN
2017-10-21	SAT	07:00:00	19:00:00	MAT	RN
2017-10-19	THU	15:00:00	23:00:00	ICU	RN
2017-10-16	MON	07:00:00	15:00:00	OR	RN
2017-10-18	WED	07:00:00	15:00:00	ER	RN
2017-10-23	MON	15:00:00	23:00:00	ER	RN
2017-10-25	WED	23:00:00	07:00:00	ER	RN
2017-10-28	SAT	19:00:00	07:00:00	QUARR	RN
2017-10-27	FRI	15:00:00	23:00:00	QUARR	RN
2017-10-26	THU	07:00:00	15:00:00	QUARR	RN
2017-10-31	TUE	07:00:00	15:00:00	OR	RN
2017-11-03	FRI	15:00:00	23:00:00	PSYCH	RN
2017-11-04	SAT	07:00:00	19:00:00	ICU	RN
2017-10-29	SUN	07:00:00	19:00:00	PSYCH	RN
2017-10-30	MON	23:00:00	07:00:00	MAT	RN
2017-11-05	SUN	19:00:00	07:00:00	ER	RN

2017-11-08	WED	23:00:00	07:00:00	PSYCH	RN
2017-11-07	TUE	15:00:00	23:00:00	MAT	RN
2017-11-09	THU	15:00:00	23:00:00	PSYCH	RN
2017-11-10	FRI	07:00:00	15:00:00	QUARR	RN
2017-10-02	MON	15:00:00	23:00:00	OR	CNS
2017-10-04	WED	07:00:00	15:00:00	QUARR	CNS
2017-10-01	SUN	19:00:00	07:00:00	OR	CNS
2017-10-06	FRI	15:00:00	23:00:00	ICU	CNS
2017-10-07	SAT	07:00:00	19:00:00	QUARR	CNS
2017-10-08	SUN	19:00:00	07:00:00	PSYCH	CNS
2017-10-09	MON	15:00:00	23:00:00	ICU	CNS
2017-10-12	THU	07:00:00	15:00:00	PSYCH	CNS
2017-10-11	WED	23:00:00	07:00:00	PSYCH	CNS
2017-10-10	TUE	23:00:00	07:00:00	MAT	CNS
2017-10-20	FRI	07:00:00	15:00:00	PSYCH	CNS
2017-10-17	TUE	23:00:00	07:00:00	ICU	CNS
2017-10-21	SAT	07:00:00	19:00:00	MAT	CNS
2017-10-18	WED	07:00:00	15:00:00	QUARR	CNS
2017-10-16	MON	23:00:00	07:00:00	ER	CNS
2017-10-22	SUN	19:00:00	07:00:00	QUARR	CNS
2017-10-24	TUE	23:00:00	07:00:00	QUARR	CNS
2017-10-26	THU	23:00:00	07:00:00	ER	CNS
2017-10-28	SAT	19:00:00	07:00:00	ER	CNS
2017-10-23	MON	23:00:00	07:00:00	MAT	CNS
2017-10-29	SUN	07:00:00	19:00:00	QUARR	CNS
2017-11-02	THU	07:00:00	15:00:00	ER	CNS
2017-11-01	WED	07:00:00	15:00:00	PSYCH	CNS
2017-11-03	FRI	15:00:00	23:00:00	ER	CNS
2017-10-31	TUE	23:00:00	07:00:00	MAT	CNS
2017-11-09	THU	15:00:00	23:00:00	MAT	CNS
2017-11-07	TUE	07:00:00	15:00:00	MAT	CNS
2017-11-06	MON	07:00:00	15:00:00	QUARR	CNS
2017-11-05	SUN	07:00:00	19:00:00	OR	CNS
2017-11-08	WED	15:00:00	23:00:00	MAT	CNS
2017-10-02	MON	23:00:00	07:00:00	ER	NA
2017-10-05	THU	15:00:00	23:00:00	ER	NA
2017-10-04	WED	07:00:00	15:00:00	ICU	NA
2017-10-07	SAT	19:00:00	07:00:00	ICU	NA
2017-10-03	TUE	15:00:00	23:00:00	QUARR	NA
2017-10-11	WED	07:00:00	15:00:00	ER	NA
2017-10-14	SAT	19:00:00	07:00:00	QUARR	NA
2017-10-08	SUN	19:00:00	07:00:00	ICU	NA
2017-10-13	FRI	23:00:00	07:00:00	ER	NA
2017-10-09	MON	15:00:00	23:00:00	MAT	NA
2017-10-17	TUE	15:00:00	23:00:00	ER	NA
2017-10-21	SAT	07:00:00	19:00:00	ICU	NA
2017-10-19	THU	15:00:00	23:00:00	QUARR	NA
2017-10-20	FRI	23:00:00	07:00:00	ER	NA
2017-10-15	SUN	07:00:00	19:00:00	ER	NA
2017-10-26	THU	23:00:00	07:00:00	PSYCH	NA
2017-10-22	SUN	19:00:00	07:00:00	ER	NA
2017-10-27	FRI	15:00:00	23:00:00	ER	NA
2017-10-23	MON	23:00:00	07:00:00	QUARR	NA
2017-10-25	WED	15:00:00	23:00:00	ER	NA
2017-11-04	SAT	07:00:00	19:00:00	PSYCH	NA
2017-11-01	WED	23:00:00	07:00:00	ICU	NA
2017-10-31	TUE	15:00:00	23:00:00	ICU	NA
2017-11-03	FRI	15:00:00	23:00:00	OR	NA
2017-11-02	THU	07:00:00	15:00:00	QUARR	NA
2017-11-07	TUE	23:00:00	07:00:00	ICU	NA
2017-11-09	THU	15:00:00	23:00:00	OR	NA
2017-11-08	WED	07:00:00	15:00:00	PSYCH	NA

2017-11-10	FRI	07:00:00	15:00:00	ICU	NA
2017-11-05	SUN	07:00:00	19:00:00	QUARR	NA
2017-10-04	WED	15:00:00	23:00:00	OR	LPN
2017-10-05	THU	23:00:00	07:00:00	PSYCH	LPN
2017-10-06	FRI	15:00:00	23:00:00	PSYCH	LPN
2017-10-02	MON	15:00:00	23:00:00	PSYCH	LPN
2017-10-01	SUN	07:00:00	19:00:00	ER	LPN
2017-10-08	SUN	19:00:00	07:00:00	ER	LPN
2017-10-13	FRI	15:00:00	23:00:00	QUARR	LPN
2017-10-14	SAT	19:00:00	07:00:00	MAT	LPN
2017-10-10	TUE	15:00:00	23:00:00	ICU	LPN
2017-10-09	MON	23:00:00	07:00:00	ICU	LPN
2017-10-19	THU	07:00:00	15:00:00	MAT	LPN
2017-10-15	SUN	07:00:00	19:00:00	PSYCH	LPN
2017-10-20	FRI	23:00:00	07:00:00	PSYCH	LPN
2017-10-16	MON	23:00:00	07:00:00	OR	LPN
2017-10-17	TUE	15:00:00	23:00:00	QUARR	LPN
2017-10-28	SAT	07:00:00	19:00:00	PSYCH	LPN
2017-10-24	TUE	23:00:00	07:00:00	PSYCH	LPN
2017-10-22	SUN	07:00:00	19:00:00	ER	LPN
2017-10-23	MON	15:00:00	23:00:00	PSYCH	LPN
2017-10-26	THU	15:00:00	23:00:00	QUARR	LPN
2017-10-30	MON	15:00:00	23:00:00	PSYCH	LPN
2017-11-01	WED	23:00:00	07:00:00	PSYCH	LPN
2017-10-29	SUN	07:00:00	19:00:00	QUARR	LPN
2017-11-03	FRI	15:00:00	23:00:00	QUARR	LPN
2017-11-02	THU	15:00:00	23:00:00	MAT	LPN
2017-11-08	WED	23:00:00	07:00:00	PSYCH	LPN
2017-11-10	FRI	15:00:00	23:00:00	QUARR	LPN
2017-11-09	THU	15:00:00	23:00:00	OR	LPN
2017-11-07	TUE	23:00:00	07:00:00	MAT	LPN
2017-11-11	SAT	07:00:00	19:00:00	QUARR	LPN
2017-10-01	SUN	07:00:00	19:00:00	ER	CNS
2017-10-04	WED	15:00:00	23:00:00	PSYCH	CNS
2017-10-06	FRI	15:00:00	23:00:00	QUARR	CNS
2017-10-03	TUE	07:00:00	15:00:00	ER	CNS
2017-10-05	THU	23:00:00	07:00:00	OR	CNS
2017-10-08	SUN	19:00:00	07:00:00	ICU	CNS
2017-10-14	SAT	07:00:00	19:00:00	MAT	CNS
2017-10-12	THU	23:00:00	07:00:00	QUARR	CNS
2017-10-11	WED	15:00:00	23:00:00	QUARR	CNS
2017-10-13	FRI	15:00:00	23:00:00	ER	CNS
2017-10-21	SAT	19:00:00	07:00:00	MAT	CNS
2017-10-18	WED	07:00:00	15:00:00	ICU	CNS
2017-10-15	SUN	19:00:00	07:00:00	PSYCH	CNS
2017-10-17	TUE	15:00:00	23:00:00	QUARR	CNS
2017-10-20	FRI	07:00:00	15:00:00	PSYCH	CNS
2017-10-28	SAT	19:00:00	07:00:00	ER	CNS
2017-10-25	WED	07:00:00	15:00:00	PSYCH	CNS
2017-10-22	SUN	07:00:00	19:00:00	OR	CNS
2017-10-27	FRI	23:00:00	07:00:00	ICU	CNS
2017-10-23	MON	07:00:00	15:00:00	ICU	CNS
2017-11-01	WED	07:00:00	15:00:00	OR	CNS
2017-11-03	FRI	07:00:00	15:00:00	MAT	CNS
2017-10-29	SUN	07:00:00	19:00:00	ER	CNS
2017-11-02	THU	07:00:00	15:00:00	QUARR	CNS
2017-10-31	TUE	07:00:00	15:00:00	ICU	CNS
2017-11-10	FRI	07:00:00	15:00:00	ER	CNS
2017-11-07	TUE	15:00:00	23:00:00	PSYCH	CNS
2017-11-09	THU	23:00:00	07:00:00	QUARR	CNS
2017-11-11	SAT	07:00:00	19:00:00	ICU	CNS
2017-11-08	WED	23:00:00	07:00:00	OR	CNS

600 rows in set (0.01 sec)

Query 2

shiftDate	day	start	end	department	role	needs
2017-10-02	MON	07:00:00	15:00:00	ER	RN	3
2017-10-02	MON	07:00:00	15:00:00	ER	LPN	3
2017-10-02	MON	07:00:00	15:00:00	ER	NP	3
2017-10-02	MON	07:00:00	15:00:00	ER	CNS	2
2017-10-02	MON	07:00:00	15:00:00	ER	NA	2
2017-10-02	MON	07:00:00	15:00:00	ICU	RN	3
2017-10-02	MON	07:00:00	15:00:00	ICU	LPN	2
2017-10-02	MON	07:00:00	15:00:00	ICU	NP	2
2017-10-02	MON	07:00:00	15:00:00	ICU	CNS	3
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2017-10-02	MON	07:00:00	15:00:00	MAT	RN	2
2017-10-02	MON	07:00:00	15:00:00	MAT	LPN	3
2017-10-02	MON	07:00:00	15:00:00	MAT	NP	3
2017-10-02	MON	07:00:00	15:00:00	MAT	CNS	3
2017-10-02	MON	07:00:00	15:00:00	MAT	NA	2
2017-10-02	MON	07:00:00	15:00:00	OR	RN	3
2017-10-02	MON	07:00:00	15:00:00	OR	LPN	2
2017-10-02	MON	07:00:00	15:00:00	OR	NP	3
2017-10-02	MON	07:00:00	15:00:00	OR	CNS	3
2017-10-02	MON	07:00:00	15:00:00	OR	NA	2
2017-10-02	MON	07:00:00	15:00:00	QUARR	RN	3
2017-10-02	MON	07:00:00	15:00:00	QUARR	LPN	3
2017-10-02	MON	07:00:00	15:00:00	QUARR	NP	3
2017-10-02	MON	07:00:00	15:00:00	QUARR	CNS	3
2017-10-02	MON	07:00:00	15:00:00	QUARR	NA	2
2017-10-02	MON	07:00:00	15:00:00	PSYCH	RN	3
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2017-10-02	MON	07:00:00	15:00:00	PSYCH	NP	2
2017-10-02	MON	07:00:00	15:00:00	PSYCH	CNS	2
2017-10-02	MON	07:00:00	15:00:00	PSYCH	NA	3
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2017-10-03	TUE	07:00:00	15:00:00	ER	LPN	2
2017-10-03	TUE	07:00:00	15:00:00	ER	NP	3
2017-10-03	TUE	07:00:00	15:00:00	ER	CNS	2
2017-10-03	TUE	07:00:00	15:00:00	ER	NA	3
2017-10-03	TUE	07:00:00	15:00:00	ICU	RN	2
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2017-10-03	TUE	07:00:00	15:00:00	OR	LPN	3
2017-10-03	TUE	07:00:00	15:00:00	OR	NP	3
2017-10-03	TUE	07:00:00	15:00:00	OR	CNS	3
2017-10-03	TUE	07:00:00	15:00:00	OR	NA	3
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2017-10-03	TUE	07:00:00	15:00:00	QUARR	LPN	2
2017-10-03	TUE	07:00:00	15:00:00	QUARR	NP	2
2017-10-03	TUE	07:00:00	15:00:00	QUARR	CNS	3

2017-10-03	TUE	07:00:00	15:00:00	QUARR	NA	3
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	RN	3
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	LPN	2
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	NP	3
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	CNS	2
2017-10-03	TUE	07:00:00	15:00:00	PSYCH	NA	3
2017-10-04	WED	07:00:00	15:00:00	ER	RN	2
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2017-10-04	WED	07:00:00	15:00:00	ICU	CNS	2
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2017-10-04	WED	07:00:00	15:00:00	MAT	LPN	2
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2017-10-04	WED	07:00:00	15:00:00	PSYCH	RN	2
2017-10-04	WED	07:00:00	15:00:00	PSYCH	LPN	3
2017-10-04	WED	07:00:00	15:00:00	PSYCH	NP	2
2017-10-04	WED	07:00:00	15:00:00	PSYCH	CNS	3
2017-10-04	WED	07:00:00	15:00:00	PSYCH	NA	3
2017-10-05	THU	07:00:00	15:00:00	ER	RN	3
2017-10-05	THU	07:00:00	15:00:00	ER	LPN	2
2017-10-05	THU	07:00:00	15:00:00	ER	NP	2
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2017-10-05	THU	07:00:00	15:00:00	MAT	RN	2
2017-10-05	THU	07:00:00	15:00:00	MAT	LPN	3
2017-10-05	THU	07:00:00	15:00:00	MAT	NP	3
2017-10-05	THU	07:00:00	15:00:00	MAT	CNS	2
2017-10-05	THU	07:00:00	15:00:00	MAT	NA	2
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2017-10-05	THU	07:00:00	15:00:00	QUARR	CNS	3
2017-10-05	THU	07:00:00	15:00:00	QUARR	NA	2
2017-10-05	THU	07:00:00	15:00:00	PSYCH	RN	3

2017-10-05	THU	07:00:00	15:00:00	PSYCH	LPN	3
2017-10-05	THU	07:00:00	15:00:00	PSYCH	NP	2
2017-10-05	THU	07:00:00	15:00:00	PSYCH	CNS	2
2017-10-05	THU	07:00:00	15:00:00	PSYCH	NA	3
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2017-10-06	FRI	07:00:00	15:00:00	OR	NA	3
2017-10-06	FRI	07:00:00	15:00:00	QUARR	RN	3
2017-10-06	FRI	07:00:00	15:00:00	QUARR	LPN	3
2017-10-06	FRI	07:00:00	15:00:00	QUARR	NP	2
2017-10-06	FRI	07:00:00	15:00:00	QUARR	CNS	3
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2017-10-06	FRI	07:00:00	15:00:00	PSYCH	LPN	3
2017-10-06	FRI	07:00:00	15:00:00	PSYCH	NP	3
2017-10-06	FRI	07:00:00	15:00:00	PSYCH	CNS	2
2017-10-06	FRI	07:00:00	15:00:00	PSYCH	NA	2
2017-10-02	MON	15:00:00	23:00:00	ER	RN	2
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2017-10-02	MON	15:00:00	23:00:00	PSYCH	RN	3
2017-10-02	MON	15:00:00	23:00:00	PSYCH	LPN	2
2017-10-02	MON	15:00:00	23:00:00	PSYCH	NP	3

2017-10-02	MON	15:00:00	23:00:00	PSYCH	CNS	3
2017-10-02	MON	15:00:00	23:00:00	PSYCH	NA	3
2017-10-03	TUE	15:00:00	23:00:00	ER	RN	2
2017-10-03	TUE	15:00:00	23:00:00	ER	LPN	2
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2017-10-03	TUE	15:00:00	23:00:00	PSYCH	LPN	2
2017-10-03	TUE	15:00:00	23:00:00	PSYCH	NP	3
2017-10-03	TUE	15:00:00	23:00:00	PSYCH	CNS	2
2017-10-03	TUE	15:00:00	23:00:00	PSYCH	NA	2
2017-10-04	WED	15:00:00	23:00:00	ER	RN	2
2017-10-04	WED	15:00:00	23:00:00	ER	LPN	2
2017-10-04	WED	15:00:00	23:00:00	ER	NP	3
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2017-10-04	WED	15:00:00	23:00:00	OR	NP	2
2017-10-04	WED	15:00:00	23:00:00	OR	CNS	3
2017-10-04	WED	15:00:00	23:00:00	OR	NA	2
2017-10-04	WED	15:00:00	23:00:00	QUARR	RN	3
2017-10-04	WED	15:00:00	23:00:00	QUARR	LPN	3
2017-10-04	WED	15:00:00	23:00:00	QUARR	NP	3
2017-10-04	WED	15:00:00	23:00:00	QUARR	CNS	2
2017-10-04	WED	15:00:00	23:00:00	QUARR	NA	3
2017-10-04	WED	15:00:00	23:00:00	PSYCH	RN	3
2017-10-04	WED	15:00:00	23:00:00	PSYCH	LPN	2
2017-10-04	WED	15:00:00	23:00:00	PSYCH	NP	2
2017-10-04	WED	15:00:00	23:00:00	PSYCH	CNS	3
2017-10-04	WED	15:00:00	23:00:00	PSYCH	NA	2

2017-10-05	THU	15:00:00	23:00:00	ER	RN	2
2017-10-05	THU	15:00:00	23:00:00	ER	LPN	3
2017-10-05	THU	15:00:00	23:00:00	ER	NP	3
2017-10-05	THU	15:00:00	23:00:00	ER	CNS	2
2017-10-05	THU	15:00:00	23:00:00	ER	NA	3
2017-10-05	THU	15:00:00	23:00:00	ICU	RN	3
2017-10-05	THU	15:00:00	23:00:00	ICU	LPN	2
2017-10-05	THU	15:00:00	23:00:00	ICU	NP	2
2017-10-05	THU	15:00:00	23:00:00	ICU	CNS	3
2017-10-05	THU	15:00:00	23:00:00	ICU	NA	2
2017-10-05	THU	15:00:00	23:00:00	MAT	RN	3
2017-10-05	THU	15:00:00	23:00:00	MAT	LPN	3
2017-10-05	THU	15:00:00	23:00:00	MAT	NP	2
2017-10-05	THU	15:00:00	23:00:00	MAT	CNS	2
2017-10-05	THU	15:00:00	23:00:00	MAT	NA	2
2017-10-05	THU	15:00:00	23:00:00	OR	RN	2
2017-10-05	THU	15:00:00	23:00:00	OR	LPN	2
2017-10-05	THU	15:00:00	23:00:00	OR	NP	3
2017-10-05	THU	15:00:00	23:00:00	OR	CNS	2
2017-10-05	THU	15:00:00	23:00:00	OR	NA	3
2017-10-05	THU	15:00:00	23:00:00	QUARR	RN	3
2017-10-05	THU	15:00:00	23:00:00	QUARR	LPN	3
2017-10-05	THU	15:00:00	23:00:00	QUARR	NP	2
2017-10-05	THU	15:00:00	23:00:00	QUARR	CNS	3
2017-10-05	THU	15:00:00	23:00:00	QUARR	NA	2
2017-10-05	THU	15:00:00	23:00:00	PSYCH	RN	2
2017-10-05	THU	15:00:00	23:00:00	PSYCH	LPN	3
2017-10-05	THU	15:00:00	23:00:00	PSYCH	NP	3
2017-10-05	THU	15:00:00	23:00:00	PSYCH	CNS	2
2017-10-05	THU	15:00:00	23:00:00	PSYCH	NA	2
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2017-10-06	FRI	15:00:00	23:00:00	ER	LPN	2
2017-10-06	FRI	15:00:00	23:00:00	ER	NP	3
2017-10-06	FRI	15:00:00	23:00:00	ER	CNS	2
2017-10-06	FRI	15:00:00	23:00:00	ER	NA	3
2017-10-06	FRI	15:00:00	23:00:00	ICU	RN	2
2017-10-06	FRI	15:00:00	23:00:00	ICU	LPN	2
2017-10-06	FRI	15:00:00	23:00:00	ICU	NP	3
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2017-10-06	FRI	15:00:00	23:00:00	MAT	LPN	2
2017-10-06	FRI	15:00:00	23:00:00	MAT	NP	2
2017-10-06	FRI	15:00:00	23:00:00	MAT	CNS	2
2017-10-06	FRI	15:00:00	23:00:00	MAT	NA	3
2017-10-06	FRI	15:00:00	23:00:00	OR	RN	3
2017-10-06	FRI	15:00:00	23:00:00	OR	LPN	2
2017-10-06	FRI	15:00:00	23:00:00	OR	NP	2
2017-10-06	FRI	15:00:00	23:00:00	OR	CNS	2
2017-10-06	FRI	15:00:00	23:00:00	OR	NA	3
2017-10-06	FRI	15:00:00	23:00:00	QUARR	RN	3
2017-10-06	FRI	15:00:00	23:00:00	QUARR	LPN	2
2017-10-06	FRI	15:00:00	23:00:00	QUARR	NP	2
2017-10-06	FRI	15:00:00	23:00:00	QUARR	CNS	3
2017-10-06	FRI	15:00:00	23:00:00	QUARR	NA	3
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2017-10-06	FRI	15:00:00	23:00:00	PSYCH	CNS	2
2017-10-06	FRI	15:00:00	23:00:00	PSYCH	NA	3
2017-10-02	MON	23:00:00	07:00:00	ER	RN	2
2017-10-02	MON	23:00:00	07:00:00	ER	LPN	3

2017-10-02	MON	23:00:00	07:00:00	ER	NP	3
2017-10-02	MON	23:00:00	07:00:00	ER	CNS	3
2017-10-02	MON	23:00:00	07:00:00	ER	NA	2
2017-10-02	MON	23:00:00	07:00:00	ICU	RN	3
2017-10-02	MON	23:00:00	07:00:00	ICU	LPN	2
2017-10-02	MON	23:00:00	07:00:00	ICU	NP	2
2017-10-02	MON	23:00:00	07:00:00	ICU	CNS	3
2017-10-02	MON	23:00:00	07:00:00	ICU	NA	2
2017-10-02	MON	23:00:00	07:00:00	MAT	RN	2
2017-10-02	MON	23:00:00	07:00:00	MAT	LPN	2
2017-10-02	MON	23:00:00	07:00:00	MAT	NP	2
2017-10-02	MON	23:00:00	07:00:00	MAT	CNS	3
2017-10-02	MON	23:00:00	07:00:00	MAT	NA	2
2017-10-02	MON	23:00:00	07:00:00	OR	RN	3
2017-10-02	MON	23:00:00	07:00:00	OR	LPN	3
2017-10-02	MON	23:00:00	07:00:00	OR	NP	2
2017-10-02	MON	23:00:00	07:00:00	OR	CNS	3
2017-10-02	MON	23:00:00	07:00:00	OR	NA	3
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2017-10-02	MON	23:00:00	07:00:00	QUARR	LPN	2
2017-10-02	MON	23:00:00	07:00:00	QUARR	NP	3
2017-10-02	MON	23:00:00	07:00:00	QUARR	CNS	3
2017-10-02	MON	23:00:00	07:00:00	QUARR	NA	2
2017-10-02	MON	23:00:00	07:00:00	PSYCH	RN	2
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2017-10-03	TUE	23:00:00	07:00:00	ER	NP	2
2017-10-03	TUE	23:00:00	07:00:00	ER	CNS	3
2017-10-03	TUE	23:00:00	07:00:00	ER	NA	2
2017-10-03	TUE	23:00:00	07:00:00	ICU	RN	3
2017-10-03	TUE	23:00:00	07:00:00	ICU	LPN	2
2017-10-03	TUE	23:00:00	07:00:00	ICU	NP	2
2017-10-03	TUE	23:00:00	07:00:00	ICU	CNS	2
2017-10-03	TUE	23:00:00	07:00:00	ICU	NA	3
2017-10-03	TUE	23:00:00	07:00:00	MAT	RN	2
2017-10-03	TUE	23:00:00	07:00:00	MAT	LPN	3
2017-10-03	TUE	23:00:00	07:00:00	MAT	NP	2
2017-10-03	TUE	23:00:00	07:00:00	MAT	CNS	2
2017-10-03	TUE	23:00:00	07:00:00	MAT	NA	3
2017-10-03	TUE	23:00:00	07:00:00	OR	RN	3
2017-10-03	TUE	23:00:00	07:00:00	OR	LPN	2
2017-10-03	TUE	23:00:00	07:00:00	OR	NP	2
2017-10-03	TUE	23:00:00	07:00:00	OR	CNS	2
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2017-10-03	TUE	23:00:00	07:00:00	QUARR	RN	2
2017-10-03	TUE	23:00:00	07:00:00	QUARR	LPN	2
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2017-10-04	WED	23:00:00	07:00:00	ER	LPN	2
2017-10-04	WED	23:00:00	07:00:00	ER	NP	2
2017-10-04	WED	23:00:00	07:00:00	ER	CNS	3

2017-10-04	WED	23:00:00	07:00:00	ER	NA	3
2017-10-04	WED	23:00:00	07:00:00	ICU	RN	3
2017-10-04	WED	23:00:00	07:00:00	ICU	LPN	2
2017-10-04	WED	23:00:00	07:00:00	ICU	NP	2
2017-10-04	WED	23:00:00	07:00:00	ICU	CNS	3
2017-10-04	WED	23:00:00	07:00:00	ICU	NA	2
2017-10-04	WED	23:00:00	07:00:00	MAT	RN	2
2017-10-04	WED	23:00:00	07:00:00	MAT	LPN	2
2017-10-04	WED	23:00:00	07:00:00	MAT	NP	3
2017-10-04	WED	23:00:00	07:00:00	MAT	CNS	2
2017-10-04	WED	23:00:00	07:00:00	MAT	NA	3
2017-10-04	WED	23:00:00	07:00:00	OR	RN	3
2017-10-04	WED	23:00:00	07:00:00	OR	LPN	3
2017-10-04	WED	23:00:00	07:00:00	OR	NP	3
2017-10-04	WED	23:00:00	07:00:00	OR	CNS	3
2017-10-04	WED	23:00:00	07:00:00	OR	NA	2
2017-10-04	WED	23:00:00	07:00:00	QUARR	RN	3
2017-10-04	WED	23:00:00	07:00:00	QUARR	LPN	2
2017-10-04	WED	23:00:00	07:00:00	QUARR	NP	2
2017-10-04	WED	23:00:00	07:00:00	QUARR	CNS	3
2017-10-04	WED	23:00:00	07:00:00	QUARR	NA	3
2017-10-04	WED	23:00:00	07:00:00	PSYCH	RN	2
2017-10-04	WED	23:00:00	07:00:00	PSYCH	LPN	3
2017-10-04	WED	23:00:00	07:00:00	PSYCH	NP	2
2017-10-04	WED	23:00:00	07:00:00	PSYCH	CNS	3
2017-10-04	WED	23:00:00	07:00:00	PSYCH	NA	3
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2017-10-05	THU	23:00:00	07:00:00	ER	LPN	2
2017-10-05	THU	23:00:00	07:00:00	ER	NP	3
2017-10-05	THU	23:00:00	07:00:00	ER	CNS	3
2017-10-05	THU	23:00:00	07:00:00	ER	NA	3
2017-10-05	THU	23:00:00	07:00:00	ICU	RN	3
2017-10-05	THU	23:00:00	07:00:00	ICU	LPN	3
2017-10-05	THU	23:00:00	07:00:00	ICU	NP	3
2017-10-05	THU	23:00:00	07:00:00	ICU	CNS	2
2017-10-05	THU	23:00:00	07:00:00	ICU	NA	3
2017-10-05	THU	23:00:00	07:00:00	MAT	RN	3
2017-10-05	THU	23:00:00	07:00:00	MAT	LPN	2
2017-10-05	THU	23:00:00	07:00:00	MAT	NP	2
2017-10-05	THU	23:00:00	07:00:00	MAT	CNS	3
2017-10-05	THU	23:00:00	07:00:00	MAT	NA	2
2017-10-05	THU	23:00:00	07:00:00	OR	RN	2
2017-10-05	THU	23:00:00	07:00:00	OR	LPN	2
2017-10-05	THU	23:00:00	07:00:00	OR	NP	3
2017-10-05	THU	23:00:00	07:00:00	OR	CNS	3
2017-10-05	THU	23:00:00	07:00:00	OR	NA	2
2017-10-05	THU	23:00:00	07:00:00	QUARR	RN	3
2017-10-05	THU	23:00:00	07:00:00	QUARR	LPN	3
2017-10-05	THU	23:00:00	07:00:00	QUARR	NP	2
2017-10-05	THU	23:00:00	07:00:00	QUARR	CNS	3
2017-10-05	THU	23:00:00	07:00:00	QUARR	NA	3
2017-10-05	THU	23:00:00	07:00:00	PSYCH	RN	2
2017-10-05	THU	23:00:00	07:00:00	PSYCH	LPN	2
2017-10-05	THU	23:00:00	07:00:00	PSYCH	NP	2
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2017-10-05	THU	23:00:00	07:00:00	PSYCH	NA	2
2017-10-06	FRI	23:00:00	07:00:00	ER	RN	3
2017-10-06	FRI	23:00:00	07:00:00	ER	LPN	3
2017-10-06	FRI	23:00:00	07:00:00	ER	NP	3
2017-10-06	FRI	23:00:00	07:00:00	ER	CNS	2
2017-10-06	FRI	23:00:00	07:00:00	ER	NA	2
2017-10-06	FRI	23:00:00	07:00:00	ICU	RN	3

2017-10-06	FRI	23:00:00	07:00:00	ICU	LPN	3
2017-10-06	FRI	23:00:00	07:00:00	ICU	NP	3
2017-10-06	FRI	23:00:00	07:00:00	ICU	CNS	3
2017-10-06	FRI	23:00:00	07:00:00	ICU	NA	3
2017-10-06	FRI	23:00:00	07:00:00	MAT	RN	2
2017-10-06	FRI	23:00:00	07:00:00	MAT	LPN	2
2017-10-06	FRI	23:00:00	07:00:00	MAT	NP	2
2017-10-06	FRI	23:00:00	07:00:00	MAT	CNS	2
2017-10-06	FRI	23:00:00	07:00:00	MAT	NA	2
2017-10-06	FRI	23:00:00	07:00:00	OR	RN	3
2017-10-06	FRI	23:00:00	07:00:00	OR	LPN	2
2017-10-06	FRI	23:00:00	07:00:00	OR	NP	2
2017-10-06	FRI	23:00:00	07:00:00	OR	CNS	3
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2017-10-06	FRI	23:00:00	07:00:00	QUARR	RN	3
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2017-10-06	FRI	23:00:00	07:00:00	PSYCH	NP	3
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2017-10-06	FRI	23:00:00	07:00:00	PSYCH	NA	2
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2017-10-01	SUN	07:00:00	19:00:00	ER	LPN	2
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2017-10-01	SUN	07:00:00	19:00:00	OR	LPN	3
2017-10-01	SUN	07:00:00	19:00:00	OR	NP	3
2017-10-01	SUN	07:00:00	19:00:00	OR	CNS	2
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2017-10-07	SAT	07:00:00	19:00:00	ICU	RN	2
2017-10-07	SAT	07:00:00	19:00:00	ICU	LPN	3
2017-10-07	SAT	07:00:00	19:00:00	ICU	NP	3

2017-10-07	SAT	07:00:00	19:00:00	ICU	CNS	3
2017-10-07	SAT	07:00:00	19:00:00	ICU	NA	2
2017-10-07	SAT	07:00:00	19:00:00	MAT	RN	2
2017-10-07	SAT	07:00:00	19:00:00	MAT	LPN	2
2017-10-07	SAT	07:00:00	19:00:00	MAT	NP	3
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2017-10-07	SAT	07:00:00	19:00:00	OR	RN	2
2017-10-07	SAT	07:00:00	19:00:00	OR	LPN	2
2017-10-07	SAT	07:00:00	19:00:00	OR	NP	2
2017-10-07	SAT	07:00:00	19:00:00	OR	CNS	3
2017-10-07	SAT	07:00:00	19:00:00	OR	NA	3
2017-10-07	SAT	07:00:00	19:00:00	QUARR	RN	3
2017-10-07	SAT	07:00:00	19:00:00	QUARR	LPN	2
2017-10-07	SAT	07:00:00	19:00:00	QUARR	NP	2
2017-10-07	SAT	07:00:00	19:00:00	QUARR	CNS	2
2017-10-07	SAT	07:00:00	19:00:00	QUARR	NA	3
2017-10-07	SAT	07:00:00	19:00:00	PSYCH	RN	2
2017-10-07	SAT	07:00:00	19:00:00	PSYCH	LPN	2
2017-10-07	SAT	07:00:00	19:00:00	PSYCH	NP	3
2017-10-07	SAT	07:00:00	19:00:00	PSYCH	CNS	2
2017-10-07	SAT	07:00:00	19:00:00	PSYCH	NA	3
2017-10-01	SUN	19:00:00	07:00:00	ER	RN	3
2017-10-01	SUN	19:00:00	07:00:00	ER	LPN	2
2017-10-01	SUN	19:00:00	07:00:00	ER	NP	3
2017-10-01	SUN	19:00:00	07:00:00	ER	CNS	2
2017-10-01	SUN	19:00:00	07:00:00	ER	NA	3
2017-10-01	SUN	19:00:00	07:00:00	ICU	RN	2
2017-10-01	SUN	19:00:00	07:00:00	ICU	LPN	3
2017-10-01	SUN	19:00:00	07:00:00	ICU	NP	3
2017-10-01	SUN	19:00:00	07:00:00	ICU	CNS	3
2017-10-01	SUN	19:00:00	07:00:00	ICU	NA	3
2017-10-01	SUN	19:00:00	07:00:00	MAT	RN	3
2017-10-01	SUN	19:00:00	07:00:00	MAT	LPN	2
2017-10-01	SUN	19:00:00	07:00:00	MAT	NP	3
2017-10-01	SUN	19:00:00	07:00:00	MAT	CNS	3
2017-10-01	SUN	19:00:00	07:00:00	MAT	NA	3
2017-10-01	SUN	19:00:00	07:00:00	OR	RN	2
2017-10-01	SUN	19:00:00	07:00:00	OR	LPN	3
2017-10-01	SUN	19:00:00	07:00:00	OR	NP	3
2017-10-01	SUN	19:00:00	07:00:00	OR	CNS	3
2017-10-01	SUN	19:00:00	07:00:00	OR	NA	2
2017-10-01	SUN	19:00:00	07:00:00	QUARR	RN	2
2017-10-01	SUN	19:00:00	07:00:00	QUARR	LPN	2
2017-10-01	SUN	19:00:00	07:00:00	QUARR	NP	3
2017-10-01	SUN	19:00:00	07:00:00	QUARR	CNS	2
2017-10-01	SUN	19:00:00	07:00:00	QUARR	NA	2
2017-10-01	SUN	19:00:00	07:00:00	PSYCH	RN	2
2017-10-01	SUN	19:00:00	07:00:00	PSYCH	LPN	2
2017-10-01	SUN	19:00:00	07:00:00	PSYCH	NP	2
2017-10-01	SUN	19:00:00	07:00:00	PSYCH	CNS	2
2017-10-01	SUN	19:00:00	07:00:00	PSYCH	NA	3
2017-10-07	SAT	19:00:00	07:00:00	ER	RN	3
2017-10-07	SAT	19:00:00	07:00:00	ER	LPN	3
2017-10-07	SAT	19:00:00	07:00:00	ER	NP	2
2017-10-07	SAT	19:00:00	07:00:00	ER	CNS	3
2017-10-07	SAT	19:00:00	07:00:00	ER	NA	2
2017-10-07	SAT	19:00:00	07:00:00	ICU	RN	2
2017-10-07	SAT	19:00:00	07:00:00	ICU	LPN	2
2017-10-07	SAT	19:00:00	07:00:00	ICU	NP	3
2017-10-07	SAT	19:00:00	07:00:00	ICU	CNS	3
2017-10-07	SAT	19:00:00	07:00:00	ICU	NA	3

2017-10-07	SAT	19:00:00	07:00:00	MAT	RN	3	
2017-10-07	SAT	19:00:00	07:00:00	MAT	LPN	2	
2017-10-07	SAT	19:00:00	07:00:00	MAT	NP	2	
2017-10-07	SAT	19:00:00	07:00:00	MAT	CNS	3	
2017-10-07	SAT	19:00:00	07:00:00	MAT	NA	3	
2017-10-07	SAT	19:00:00	07:00:00	OR	RN	3	
2017-10-07	SAT	19:00:00	07:00:00	OR	LPN	3	
2017-10-07	SAT	19:00:00	07:00:00	OR	NP	2	
2017-10-07	SAT	19:00:00	07:00:00	OR	CNS	2	
2017-10-07	SAT	19:00:00	07:00:00	OR	NA	3	
2017-10-07	SAT	19:00:00	07:00:00	QUARR	RN	3	
2017-10-07	SAT	19:00:00	07:00:00	QUARR	LPN	3	
2017-10-07	SAT	19:00:00	07:00:00	QUARR	NP	3	
2017-10-07	SAT	19:00:00	07:00:00	QUARR	CNS	2	
2017-10-07	SAT	19:00:00	07:00:00	QUARR	NA	2	
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	RN	2	
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	LPN	3	
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	NP	2	
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	CNS	2	
2017-10-07	SAT	19:00:00	07:00:00	PSYCH	NA	2	

570 rows in set (0.01 sec)

Query 3

department	firstName	lastName	phoneNumber	shiftDate	day	start	end
ER	Adam	Apple	000-000-0001	2017-10-04	WED	15:00:00	23:00:00
ER	Derek	Davis	000-000-0004	2017-10-05	THU	07:00:00	15:00:00
ER	George	Grant	000-000-0007	2017-10-04	WED	23:00:00	07:00:00
ER	Jack	Joplin	000-000-0010	2017-10-01	SUN	19:00:00	07:00:00
ER	Kevin	Keller	000-000-0011	2017-10-05	THU	15:00:00	23:00:00
ER	Kevin	Keller	000-000-0011	2017-10-04	WED	07:00:00	15:00:00
ER	Nick	Norton	000-000-0014	2017-10-06	FRI	15:00:00	23:00:00
ER	Nick	Norton	000-000-0014	2017-10-02	MON	07:00:00	15:00:00
ER	Peter	Parker	000-000-0016	2017-10-01	SUN	19:00:00	07:00:00
ER	Robert	Rodgers	000-000-0018	2017-10-02	MON	23:00:00	07:00:00
ER	Robert	Rodgers	000-000-0018	2017-10-05	THU	15:00:00	23:00:00
ER	Sam	Saville	000-000-0019	2017-10-01	SUN	07:00:00	19:00:00
ER	Tom	Tarantino	000-000-0020	2017-10-01	SUN	07:00:00	19:00:00
ER	Tom	Tarantino	000-000-0020	2017-10-03	TUE	07:00:00	15:00:00
ICU	Adam	Apple	000-000-0001	2017-10-01	SUN	19:00:00	07:00:00
ICU	Adam	Apple	000-000-0001	2017-10-02	MON	23:00:00	07:00:00
ICU	Brad	Baker	000-000-0002	2017-10-07	SAT	19:00:00	07:00:00
ICU	Brad	Baker	000-000-0002	2017-10-01	SUN	07:00:00	19:00:00
ICU	Charles	Chaplan	000-000-0003	2017-10-01	SUN	07:00:00	19:00:00
ICU	Derek	Davis	000-000-0004	2017-10-03	TUE	07:00:00	15:00:00
ICU	Evan	Elliott	000-000-0005	2017-10-02	MON	23:00:00	07:00:00
ICU	Hank	Hamill	000-000-0008	2017-10-06	FRI	15:00:00	23:00:00
ICU	Hank	Hamill	000-000-0008	2017-10-02	MON	23:00:00	07:00:00
ICU	Hank	Hamill	000-000-0008	2017-10-05	THU	15:00:00	23:00:00
ICU	Jack	Joplin	000-000-0010	2017-10-05	THU	15:00:00	23:00:00
ICU	Jack	Joplin	000-000-0010	2017-10-03	TUE	07:00:00	15:00:00
ICU	Kevin	Keller	000-000-0011	2017-10-03	TUE	15:00:00	23:00:00
ICU	Lenny	Landman	000-000-0012	2017-10-04	WED	15:00:00	23:00:00
ICU	Peter	Parker	000-000-0016	2017-10-07	SAT	19:00:00	07:00:00
ICU	Quinn	Quarrick	000-000-0017	2017-10-06	FRI	15:00:00	23:00:00
ICU	Robert	Rodgers	000-000-0018	2017-10-04	WED	07:00:00	15:00:00
ICU	Robert	Rodgers	000-000-0018	2017-10-07	SAT	19:00:00	07:00:00
MAT	Adam	Apple	000-000-0001	2017-10-03	TUE	15:00:00	23:00:00
MAT	Brad	Baker	000-000-0002	2017-10-04	WED	15:00:00	23:00:00

MAT	Evan	Elliott	000-000-0005	2017-10-01	SUN	07:00:00	19:00:00
MAT	Evan	Elliott	000-000-0005	2017-10-06	FRI	07:00:00	15:00:00
MAT	George	Grant	000-000-0007	2017-10-01	SUN	07:00:00	19:00:00
MAT	George	Grant	000-000-0007	2017-10-07	SAT	19:00:00	07:00:00
MAT	Ivan	Ikarov	000-000-0009	2017-10-02	MON	23:00:00	07:00:00
MAT	Lenny	Landman	000-000-0012	2017-10-05	THU	23:00:00	07:00:00
MAT	Nick	Norton	000-000-0014	2017-10-01	SUN	07:00:00	19:00:00
MAT	Orval	Obrian	000-000-0015	2017-10-02	MON	07:00:00	15:00:00
MAT	Orval	Obrian	000-000-0015	2017-10-05	THU	07:00:00	15:00:00
MAT	Peter	Parker	000-000-0016	2017-10-03	TUE	15:00:00	23:00:00
OR	Adam	Apple	000-000-0001	2017-10-07	SAT	19:00:00	07:00:00
OR	Brad	Baker	000-000-0002	2017-10-05	THU	23:00:00	07:00:00
OR	Charles	Chaplan	000-000-0003	2017-10-05	THU	23:00:00	07:00:00
OR	Derek	Davis	000-000-0004	2017-10-06	FRI	15:00:00	23:00:00
OR	Evan	Elliott	000-000-0005	2017-10-07	SAT	07:00:00	19:00:00
OR	Frank	Farris	000-000-0006	2017-10-04	WED	15:00:00	23:00:00
OR	Ivan	Ikarov	000-000-0009	2017-10-06	FRI	07:00:00	15:00:00
OR	Jack	Joplin	000-000-0010	2017-10-06	FRI	07:00:00	15:00:00
OR	Lenny	Landman	000-000-0012	2017-10-03	TUE	23:00:00	07:00:00
OR	Mark	Morris	000-000-0013	2017-10-05	THU	07:00:00	15:00:00
OR	Nick	Norton	000-000-0014	2017-10-05	THU	07:00:00	15:00:00
OR	Orval	Obrian	000-000-0015	2017-10-06	FRI	07:00:00	15:00:00
OR	Orval	Obrian	000-000-0015	2017-10-04	WED	15:00:00	23:00:00
OR	Peter	Parker	000-000-0016	2017-10-06	FRI	15:00:00	23:00:00
OR	Quinn	Quarrick	000-000-0017	2017-10-02	MON	15:00:00	23:00:00
OR	Quinn	Quarrick	000-000-0017	2017-10-01	SUN	19:00:00	07:00:00
OR	Sam	Saville	000-000-0019	2017-10-04	WED	15:00:00	23:00:00
OR	Tom	Tarantino	000-000-0020	2017-10-05	THU	23:00:00	07:00:00
PSYCH	Charles	Chaplan	000-000-0003	2017-10-04	WED	23:00:00	07:00:00
PSYCH	Derek	Davis	000-000-0004	2017-10-02	MON	23:00:00	07:00:00
PSYCH	Derek	Davis	000-000-0004	2017-10-04	WED	07:00:00	15:00:00
PSYCH	Evan	Elliott	000-000-0005	2017-10-03	TUE	23:00:00	07:00:00
PSYCH	Frank	Farris	000-000-0006	2017-10-01	SUN	07:00:00	19:00:00
PSYCH	Frank	Farris	000-000-0006	2017-10-07	SAT	19:00:00	07:00:00
PSYCH	George	Grant	000-000-0007	2017-10-06	FRI	23:00:00	07:00:00
PSYCH	Hank	Hamill	000-000-0008	2017-10-07	SAT	19:00:00	07:00:00
PSYCH	Ivan	Ikarov	000-000-0009	2017-10-03	TUE	07:00:00	15:00:00
PSYCH	Jack	Joplin	000-000-0010	2017-10-04	WED	23:00:00	07:00:00
PSYCH	Kevin	Keller	000-000-0011	2017-10-07	SAT	19:00:00	07:00:00
PSYCH	Lenny	Landman	000-000-0012	2017-10-02	MON	23:00:00	07:00:00
PSYCH	Lenny	Landman	000-000-0012	2017-10-01	SUN	07:00:00	19:00:00
PSYCH	Mark	Morris	000-000-0013	2017-10-06	FRI	07:00:00	15:00:00
PSYCH	Mark	Morris	000-000-0013	2017-10-03	TUE	07:00:00	15:00:00
PSYCH	Mark	Morris	000-000-0013	2017-10-02	MON	23:00:00	07:00:00
PSYCH	Mark	Morris	000-000-0013	2017-10-01	SUN	19:00:00	07:00:00
PSYCH	Sam	Saville	000-000-0019	2017-10-06	FRI	15:00:00	23:00:00
PSYCH	Sam	Saville	000-000-0019	2017-10-02	MON	15:00:00	23:00:00
PSYCH	Sam	Saville	000-000-0019	2017-10-05	THU	23:00:00	07:00:00
PSYCH	Tom	Tarantino	000-000-0020	2017-10-04	WED	15:00:00	23:00:00
QUARR	Brad	Baker	000-000-0002	2017-10-06	FRI	15:00:00	23:00:00
QUARR	Charles	Chaplan	000-000-0003	2017-10-07	SAT	07:00:00	19:00:00
QUARR	Charles	Chaplan	000-000-0003	2017-10-06	FRI	15:00:00	23:00:00
QUARR	Frank	Farris	000-000-0006	2017-10-05	THU	15:00:00	23:00:00
QUARR	Frank	Farris	000-000-0006	2017-10-02	MON	15:00:00	23:00:00
QUARR	George	Grant	000-000-0007	2017-10-05	THU	07:00:00	15:00:00
QUARR	Hank	Hamill	000-000-0008	2017-10-01	SUN	07:00:00	19:00:00
QUARR	Ivan	Ikarov	000-000-0009	2017-10-05	THU	07:00:00	15:00:00
QUARR	Ivan	Ikarov	000-000-0009	2017-10-04	WED	23:00:00	07:00:00
QUARR	Kevin	Keller	000-000-0011	2017-10-06	FRI	23:00:00	07:00:00
QUARR	Nick	Norton	000-000-0014	2017-10-07	SAT	19:00:00	07:00:00
QUARR	Orval	Obrian	000-000-0015	2017-10-03	TUE	23:00:00	07:00:00
QUARR	Peter	Parker	000-000-0016	2017-10-04	WED	23:00:00	07:00:00

QUARR	Quinn	Quarrick	000-000-0017	2017-10-04	WED	07:00:00	15:00:00
QUARR	Quinn	Quarrick	000-000-0017	2017-10-07	SAT	07:00:00	19:00:00
QUARR	Robert	Rodgers	000-000-0018	2017-10-03	TUE	15:00:00	23:00:00
QUARR	Tom	Tarantino	000-000-0020	2017-10-06	FRI	15:00:00	23:00:00

100 rows in set (0.00 sec)

Query 4

department	firstName	lastName	shiftDate	start	end	pay	status
ER	Jack	Joplin	2017-10-01	19:00:00	07:00:00	0	Call-off
ER	Peter	Parker	2017-10-01	19:00:00	07:00:00	936	Call-in
ER	Sam	Saville	2017-10-01	07:00:00	19:00:00	0	Call-off
ER	Tom	Tarantino	2017-10-01	07:00:00	19:00:00	486	Req-off
ICU	Adam	Apple	2017-10-01	19:00:00	07:00:00	405	Req-off
ICU	Brad	Baker	2017-10-01	07:00:00	19:00:00	0	Call-off
ICU	Charles	Chaplan	2017-10-01	07:00:00	19:00:00	0	Call-off
MAT	Evan	Elliott	2017-10-01	07:00:00	19:00:00	0	Call-off
MAT	George	Grant	2017-10-01	07:00:00	19:00:00	0	Call-off
MAT	Nick	Norton	2017-10-01	07:00:00	19:00:00	414	Req-in
OR	Quinn	Quarrick	2017-10-01	19:00:00	07:00:00	0	Call-off
PSYCH	Frank	Farris	2017-10-01	07:00:00	19:00:00	0	Call-off
PSYCH	Lenny	Landman	2017-10-01	07:00:00	19:00:00	306	Req-off
PSYCH	Mark	Morris	2017-10-01	19:00:00	07:00:00	768	Call-in
QUARR	Hank	Hamill	2017-10-01	07:00:00	19:00:00	378	Req-off
ER	Nick	Norton	2017-10-02	07:00:00	15:00:00	184	Req-off
ER	Robert	Rodgers	2017-10-02	23:00:00	07:00:00	204	Call-in
ICU	Adam	Apple	2017-10-02	23:00:00	07:00:00	180	Req-off
ICU	Evan	Elliott	2017-10-02	23:00:00	07:00:00	168	Req-in
ICU	Hank	Hamill	2017-10-02	23:00:00	07:00:00	0	Call-off
MAT	Ivan	Ikarov	2017-10-02	23:00:00	07:00:00	192	Req-in
MAT	Orval	Obrian	2017-10-02	07:00:00	15:00:00	240	Req-in
OR	Quinn	Quarrick	2017-10-02	15:00:00	23:00:00	120	Req-in
PSYCH	Derek	Davis	2017-10-02	23:00:00	07:00:00	480	Call-in
PSYCH	Lenny	Landman	2017-10-02	23:00:00	07:00:00	136	Req-in
PSYCH	Mark	Morris	2017-10-02	23:00:00	07:00:00	0	Call-off
PSYCH	Sam	Saville	2017-10-02	15:00:00	23:00:00	0	Call-off
QUARR	Frank	Farris	2017-10-02	15:00:00	23:00:00	256	Req-in
ER	Tom	Tarantino	2017-10-03	07:00:00	15:00:00	324	Call-in
ICU	Derek	Davis	2017-10-03	07:00:00	15:00:00	0	Call-off
ICU	Jack	Joplin	2017-10-03	07:00:00	15:00:00	252	Call-in
ICU	Kevin	Keller	2017-10-03	15:00:00	23:00:00	240	Call-in
MAT	Adam	Apple	2017-10-03	15:00:00	23:00:00	180	Req-off
MAT	Peter	Parker	2017-10-03	15:00:00	23:00:00	468	Call-in
OR	Lenny	Landman	2017-10-03	23:00:00	07:00:00	204	Call-in
PSYCH	Evan	Elliott	2017-10-03	23:00:00	07:00:00	168	Req-off
PSYCH	Ivan	Ikarov	2017-10-03	07:00:00	15:00:00	192	Req-off
PSYCH	Mark	Morris	2017-10-03	07:00:00	15:00:00	384	Call-in
QUARR	Orval	Obrian	2017-10-03	23:00:00	07:00:00	0	Call-off
QUARR	Robert	Rodgers	2017-10-03	15:00:00	23:00:00	136	Req-in
ER	Adam	Apple	2017-10-04	15:00:00	23:00:00	270	Call-in
ER	George	Grant	2017-10-04	23:00:00	07:00:00	0	Call-off
ER	Kevin	Keller	2017-10-04	07:00:00	15:00:00	160	Req-in
ICU	Lenny	Landman	2017-10-04	15:00:00	23:00:00	136	Req-off
ICU	Robert	Rodgers	2017-10-04	07:00:00	15:00:00	0	Call-off
MAT	Brad	Baker	2017-10-04	15:00:00	23:00:00	120	Req-off
OR	Frank	Farris	2017-10-04	15:00:00	23:00:00	0	Call-off
OR	Orval	Obrian	2017-10-04	15:00:00	23:00:00	0	Call-off
OR	Sam	Saville	2017-10-04	15:00:00	23:00:00	304	Req-off
PSYCH	Charles	Chaplan	2017-10-04	23:00:00	07:00:00	296	Req-off

PSYCH	Derek	Davis	2017-10-04	07:00:00	15:00:00	320	Req-off
PSYCH	Jack	Joplin	2017-10-04	23:00:00	07:00:00	168	Req-off
PSYCH	Tom	Tarantino	2017-10-04	15:00:00	23:00:00	216	Req-in
QUARR	Ivan	Ikarov	2017-10-04	23:00:00	07:00:00	192	Req-off
QUARR	Peter	Parker	2017-10-04	23:00:00	07:00:00	312	Req-off
QUARR	Quinn	Quarrick	2017-10-04	07:00:00	15:00:00	0	Call-off
ER	Derek	Davis	2017-10-05	07:00:00	15:00:00	480	Call-in
ER	Kevin	Keller	2017-10-05	15:00:00	23:00:00	160	Req-in
ER	Robert	Rodgers	2017-10-05	15:00:00	23:00:00	136	Req-in
ICU	Hank	Hamill	2017-10-05	15:00:00	23:00:00	0	Call-off
ICU	Jack	Joplin	2017-10-05	15:00:00	23:00:00	0	Call-off
MAT	Lenny	Landman	2017-10-05	23:00:00	07:00:00	136	Req-off
MAT	Orval	Obrian	2017-10-05	07:00:00	15:00:00	240	Req-off
OR	Brad	Baker	2017-10-05	23:00:00	07:00:00	120	Req-off
OR	Charles	Chaplan	2017-10-05	23:00:00	07:00:00	0	Call-off
OR	Mark	Morris	2017-10-05	07:00:00	15:00:00	384	Call-in
OR	Nick	Norton	2017-10-05	07:00:00	15:00:00	0	Call-off
OR	Tom	Tarantino	2017-10-05	23:00:00	07:00:00	0	Call-off
PSYCH	Sam	Saville	2017-10-05	23:00:00	07:00:00	456	Call-in
QUARR	Frank	Farris	2017-10-05	15:00:00	23:00:00	384	Call-in
QUARR	George	Grant	2017-10-05	07:00:00	15:00:00	152	Req-off
QUARR	Ivan	Ikarov	2017-10-05	07:00:00	15:00:00	192	Req-off
ER	Nick	Norton	2017-10-06	15:00:00	23:00:00	276	Call-in
ICU	Hank	Hamill	2017-10-06	15:00:00	23:00:00	0	Call-off
ICU	Quinn	Quarrick	2017-10-06	15:00:00	23:00:00	120	Req-in
MAT	Evan	Elliot	2017-10-06	07:00:00	15:00:00	168	Req-in
OR	Derek	Davis	2017-10-06	15:00:00	23:00:00	320	Req-in
OR	Ivan	Ikarov	2017-10-06	07:00:00	15:00:00	0	Call-off
OR	Jack	Joplin	2017-10-06	07:00:00	15:00:00	168	Req-off
OR	Orval	Obrian	2017-10-06	07:00:00	15:00:00	360	Call-in
OR	Peter	Parker	2017-10-06	15:00:00	23:00:00	0	Call-off
PSYCH	George	Grant	2017-10-06	23:00:00	07:00:00	228	Call-in
PSYCH	Mark	Morris	2017-10-06	07:00:00	15:00:00	384	Call-in
PSYCH	Sam	Saville	2017-10-06	15:00:00	23:00:00	304	Req-off
QUARR	Brad	Baker	2017-10-06	15:00:00	23:00:00	0	Call-off
QUARR	Charles	Chaplan	2017-10-06	15:00:00	23:00:00	296	Req-in
QUARR	Kevin	Keller	2017-10-06	23:00:00	07:00:00	240	Call-in
QUARR	Tom	Tarantino	2017-10-06	15:00:00	23:00:00	324	Call-in
ICU	Brad	Baker	2017-10-07	19:00:00	07:00:00	360	Call-in
ICU	Peter	Parker	2017-10-07	19:00:00	07:00:00	0	Call-off
ICU	Robert	Rodgers	2017-10-07	19:00:00	07:00:00	306	Req-off
MAT	George	Grant	2017-10-07	19:00:00	07:00:00	342	Req-in
OR	Adam	Apple	2017-10-07	19:00:00	07:00:00	540	Call-in
OR	Evan	Elliot	2017-10-07	07:00:00	19:00:00	378	Req-off
PSYCH	Frank	Farris	2017-10-07	19:00:00	07:00:00	576	Req-in
PSYCH	Hank	Hamill	2017-10-07	19:00:00	07:00:00	504	Call-in
PSYCH	Kevin	Keller	2017-10-07	19:00:00	07:00:00	480	Call-in
QUARR	Charles	Chaplan	2017-10-07	07:00:00	19:00:00	666	Req-off
QUARR	Nick	Norton	2017-10-07	19:00:00	07:00:00	552	Call-in
QUARR	Quinn	Quarrick	2017-10-07	07:00:00	19:00:00	0	Call-off
ER	Brad	Baker	2017-10-08	19:00:00	07:00:00	270	Req-off
ER	Sam	Saville	2017-10-08	19:00:00	07:00:00	0	Call-off
ICU	Evan	Elliot	2017-10-08	07:00:00	19:00:00	504	Call-in
ICU	Robert	Rodgers	2017-10-08	19:00:00	07:00:00	306	Req-in
ICU	Tom	Tarantino	2017-10-08	19:00:00	07:00:00	0	Call-off
MAT	Adam	Apple	2017-10-08	07:00:00	19:00:00	405	Req-off
MAT	George	Grant	2017-10-08	19:00:00	07:00:00	342	Req-off
MAT	Kevin	Keller	2017-10-08	19:00:00	07:00:00	480	Call-in
MAT	Mark	Morris	2017-10-08	19:00:00	07:00:00	576	Req-off
PSYCH	Ivan	Ikarov	2017-10-08	19:00:00	07:00:00	0	Call-off
PSYCH	Peter	Parker	2017-10-08	07:00:00	19:00:00	702	Req-off
PSYCH	Quinn	Quarrick	2017-10-08	19:00:00	07:00:00	0	Call-off

QUARR	Nick	Norton	2017-10-08	07:00:00	19:00:00	0	Call-off
ER	Hank	Hamill	2017-10-09	07:00:00	15:00:00	168	Req-in
ICU	Quinn	Quarrick	2017-10-09	15:00:00	23:00:00	120	Req-in
ICU	Sam	Saville	2017-10-09	23:00:00	07:00:00	304	Req-in
MAT	Jack	Joplin	2017-10-09	15:00:00	23:00:00	252	Call-in
MAT	Mark	Morris	2017-10-09	23:00:00	07:00:00	256	Req-in
MAT	Nick	Norton	2017-10-09	07:00:00	15:00:00	184	Req-off
MAT	Robert	Rodgers	2017-10-09	15:00:00	23:00:00	136	Req-off
OR	Derek	Davis	2017-10-09	07:00:00	15:00:00	320	Req-off
OR	Evan	Elliott	2017-10-09	15:00:00	23:00:00	168	Req-in
OR	Kevin	Keller	2017-10-09	07:00:00	15:00:00	0	Call-off
PSYCH	Brad	Baker	2017-10-09	15:00:00	23:00:00	120	Req-off
PSYCH	Peter	Parker	2017-10-09	23:00:00	07:00:00	312	Req-off
QUARR	Charles	Chaplan	2017-10-09	15:00:00	23:00:00	444	Call-in
QUARR	Frank	Farris	2017-10-09	23:00:00	07:00:00	256	Req-off
QUARR	Orval	Obrian	2017-10-09	23:00:00	07:00:00	360	Call-in
ER	Brad	Baker	2017-10-10	23:00:00	07:00:00	120	Req-in
ER	Hank	Hamill	2017-10-10	07:00:00	15:00:00	252	Call-in
ER	Mark	Morris	2017-10-10	23:00:00	07:00:00	256	Req-in
ICU	Adam	Apple	2017-10-10	07:00:00	15:00:00	180	Req-in
ICU	Sam	Saville	2017-10-10	15:00:00	23:00:00	304	Req-off
MAT	Charles	Chaplan	2017-10-10	23:00:00	07:00:00	296	Req-off
MAT	Derek	Davis	2017-10-10	23:00:00	07:00:00	320	Req-in
MAT	Quinn	Quarrick	2017-10-10	23:00:00	07:00:00	180	Call-in
OR	Evan	Elliott	2017-10-10	23:00:00	07:00:00	0	Call-off
OR	Jack	Joplin	2017-10-10	15:00:00	23:00:00	168	Req-off
PSYCH	Lenny	Landman	2017-10-10	15:00:00	23:00:00	136	Req-off
PSYCH	Peter	Parker	2017-10-10	07:00:00	15:00:00	468	Call-in
QUARR	Frank	Farris	2017-10-10	15:00:00	23:00:00	256	Req-off
QUARR	George	Grant	2017-10-10	15:00:00	23:00:00	152	Req-off
QUARR	Kevin	Keller	2017-10-10	07:00:00	15:00:00	240	Call-in

143 rows in set (0.01 sec)

Query 5

```
mysql> SHOW tables;
```

Tables_in_cmpsc431
address
certification
department
department_need
employee
role
shift
shift_status
shift_time
week
weekday

11 rows in set (0.00 sec)

```
mysql> DESCRIBE address;
```

Field	Type	Null	Key	Default	Extra
address_ID	int(11)	NO	PRI	NULL	auto_increment
emp_ID	int(11)	YES	MUL	NULL	
street1	char(50)	YES		NULL	
street2	char(50)	YES		NULL	

city	char(50)	YES		NULL	
state	char(50)	YES		NULL	
zip	char(50)	YES		NULL	

7 rows in set (0.00 sec)

mysql> DESCRIBE certification;

Field	Type	Null	Key	Default	Extra
cert_ID	int(11)	NO	PRI	NULL	auto_increment
emp_ID	int(11)	YES	UNI	NULL	
role_ID	int(11)	YES	MUL	NULL	

3 rows in set (0.00 sec)

mysql> DESCRIBE department;

Field	Type	Null	Key	Default	Extra
dept_ID	int(11)	NO	PRI	NULL	auto_increment
min_staff	int(11)	NO		0	
max_staff	int(11)	NO		100	
beds	int(11)	NO		0	
dept_name	char(50)	NO		NULL	

5 rows in set (0.00 sec)

mysql> DESCRIBE department_need;

Field	Type	Null	Key	Default	Extra
need_ID	int(11)	NO	PRI	NULL	auto_increment
week_ID	int(11)	YES	MUL	NULL	
day_ID	int(11)	YES	MUL	NULL	
time_ID	int(11)	YES	MUL	NULL	
dept_ID	int(11)	YES	MUL	NULL	
role_ID	int(11)	YES	MUL	NULL	
need	int(11)	YES		NULL	

7 rows in set (0.00 sec)

mysql> DESCRIBE employee;

Field	Type	Null	Key	Default	Extra
emp_ID	int(11)	NO	PRI	NULL	auto_increment
home_dept	int(11)	YES	MUL	NULL	
fname	char(50)	NO		NULL	
mname	char(50)	YES		NULL	
lname	char(50)	YES		NULL	
ssn	char(12)	YES		NULL	
phone1	char(13)	YES		NULL	
phone2	char(13)	YES		NULL	
start_date	datetime	NO		CURRENT_TIMESTAMP	
end_date	date	YES		NULL	
full_time	tinyint(1)	NO		0	
salaried	tinyint(1)	NO		0	
pay_rate	double	NO		0	

13 rows in set (0.00 sec)

```
mysql> DESCRIBE role;
```

Field	Type	Null	Key	Default	Extra
role_ID	int(11)	NO	PRI	NULL	auto_increment
role	char(50)	NO		NULL	

```
2 rows in set (0.00 sec)
```

```
mysql> DESCRIBE shift;
```

Field	Type	Null	Key	Default	Extra
shift_ID	int(11)	NO	PRI	NULL	auto_increment
emp_ID	int(11)	NO	MUL	NULL	
dept_ID	int(11)	NO	MUL	NULL	
time_ID	int(11)	NO	MUL	NULL	
week_ID	int(11)	NO	MUL	NULL	
day_ID	int(11)	NO	MUL	NULL	
status_ID	int(11)	YES	MUL	NULL	
pay_modifier	double	YES		NULL	

```
8 rows in set (0.00 sec)
```

```
mysql> DESCRIBE shift_status;
```

Field	Type	Null	Key	Default	Extra
status_ID	int(11)	NO	PRI	NULL	auto_increment
status	char(50)	YES		NULL	

```
2 rows in set (0.00 sec)
```

```
mysql> DESCRIBE shift_time;
```

Field	Type	Null	Key	Default	Extra
time_ID	int(11)	NO	PRI	NULL	auto_increment
shift_start	time	NO		NULL	
shift_end	time	NO		NULL	
shift_length	int(11)	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> DESCRIBE week;
```

Field	Type	Null	Key	Default	Extra
week_ID	int(11)	NO	PRI	NULL	auto_increment
start_date	date	NO		NULL	
end_date	date	NO		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> DESCRIBE weekday;
```

Field	Type	Null	Key	Default	Extra
day_ID	int(11)	NO	PRI	NULL	auto_increment
day_name	char(10)	YES		NULL	

```
2 rows in set (0.00 sec)
```

Query 6

```
mysql> SELECT * FROM address;
```

address_ID	emp_ID	street1	street2	city	state	zip
1	1	123 Easy Street	Apt. A	State College	Pennsylvania	16801
2	2	124 Easy Street	Apt. B	State College	Pennsylvania	16801
3	3	125 Easy Street	Apt. C	State College	Pennsylvania	16801
4	4	126 Easy Street	Apt. D	State College	Pennsylvania	16801
5	5	127 Easy Street	Apt. E	State College	Pennsylvania	16801
6	6	128 Easy Street	Apt. F	State College	Pennsylvania	16801
7	7	129 Easy Street	Apt. G	State College	Pennsylvania	16801
8	8	130 Easy Street	Apt. H	State College	Pennsylvania	16801
9	9	131 Easy Street	Apt. I	State College	Pennsylvania	16801
10	10	132 Easy Street	Apt. J	State College	Pennsylvania	16801
11	11	133 Easy Street	Apt. K	State College	Pennsylvania	16801
12	12	134 Easy Street	Apt. L	State College	Pennsylvania	16801
13	13	135 Easy Street	Apt. M	State College	Pennsylvania	16801
14	14	136 Easy Street	Apt. N	State College	Pennsylvania	16801
15	15	137 Easy Street	Apt. O	State College	Pennsylvania	16801
16	16	138 Easy Street	Apt. P	State College	Pennsylvania	16801
17	17	139 Easy Street	Apt. Q	State College	Pennsylvania	16801
18	18	140 Easy Street	Apt. R	State College	Pennsylvania	16801
19	19	141 Easy Street	Apt. S	State College	Pennsylvania	16801
20	20	142 Easy Street	Apt. T	State College	Pennsylvania	16801

20 rows in set (0.00 sec)

```
mysql> SELECT * FROM certification;
```

cert_ID	emp_ID	role_ID
1	1	3
2	2	2
3	3	5
4	4	1
5	5	1
6	6	4
7	7	5
8	8	1
9	9	5
10	10	2
11	11	4
12	12	3
13	13	4
14	14	2
15	15	4
16	16	1
17	17	4
18	18	5
19	19	2
20	20	4

20 rows in set (0.00 sec)

```
mysql> SELECT * FROM department;
```

dept_ID	min_staff	max_staff	beds	dept_name
1	1	10	26	ER
2	2	6	19	ICU

3	1	10	12	MAT
4	1	7	25	OR
5	1	9	26	QUARR
6	2	9	25	PSYCH

6 rows in set (0.00 sec)

mysql> SELECT * FROM department_need;

need_ID	week_ID	day_ID	time_ID	dept_ID	role_ID	need
1	1	1	4	1	1	3
2	1	1	4	1	2	2
3	1	1	4	1	3	2
4	1	1	4	1	4	2
5	1	1	4	1	5	3
6	1	1	4	2	1	2
7	1	1	4	2	2	2
8	1	1	4	2	3	3
9	1	1	4	2	4	3
10	1	1	4	2	5	2
11	1	1	4	3	1	3
12	1	1	4	3	2	3
13	1	1	4	3	3	3
14	1	1	4	3	4	3
15	1	1	4	3	5	2
16	1	1	4	4	1	2
17	1	1	4	4	2	3
18	1	1	4	4	3	3
19	1	1	4	4	4	2
20	1	1	4	4	5	3
21	1	1	4	5	1	2
22	1	1	4	5	2	3
23	1	1	4	5	3	2
24	1	1	4	5	4	3
25	1	1	4	5	5	2
26	1	1	4	6	1	3
27	1	1	4	6	2	2
28	1	1	4	6	3	2
29	1	1	4	6	4	2
30	1	1	4	6	5	3
31	1	1	5	1	1	3
32	1	1	5	1	2	2
33	1	1	5	1	3	3
34	1	1	5	1	4	2
35	1	1	5	1	5	3
36	1	1	5	2	1	2
37	1	1	5	2	2	3
38	1	1	5	2	3	3
39	1	1	5	2	4	3
40	1	1	5	2	5	3
41	1	1	5	3	1	3
42	1	1	5	3	2	2
43	1	1	5	3	3	3
44	1	1	5	3	4	3
45	1	1	5	3	5	3
46	1	1	5	4	1	2
47	1	1	5	4	2	3
48	1	1	5	4	3	3
49	1	1	5	4	4	3
50	1	1	5	4	5	2
51	1	1	5	5	1	2

52	1	1	5	5	2	2
53	1	1	5	5	3	3
54	1	1	5	5	4	2
55	1	1	5	5	5	2
56	1	1	5	6	1	2
57	1	1	5	6	2	2
58	1	1	5	6	3	2
59	1	1	5	6	4	2
60	1	1	5	6	5	3
61	1	2	1	1	1	3
62	1	2	1	1	2	3
63	1	2	1	1	3	3
64	1	2	1	1	4	2
65	1	2	1	1	5	2
66	1	2	1	2	1	3
67	1	2	1	2	2	2
68	1	2	1	2	3	2
69	1	2	1	2	4	3
70	1	2	1	2	5	2
71	1	2	1	3	1	2
72	1	2	1	3	2	3
73	1	2	1	3	3	3
74	1	2	1	3	4	3
75	1	2	1	3	5	2
76	1	2	1	4	1	3
77	1	2	1	4	2	2
78	1	2	1	4	3	3
79	1	2	1	4	4	3
80	1	2	1	4	5	2
81	1	2	1	5	1	3
82	1	2	1	5	2	3
83	1	2	1	5	3	3
84	1	2	1	5	4	3
85	1	2	1	5	5	2
86	1	2	1	6	1	3
87	1	2	1	6	2	3
88	1	2	1	6	3	2
89	1	2	1	6	4	2
90	1	2	1	6	5	3
91	1	2	2	1	1	2
92	1	2	2	1	2	3
93	1	2	2	1	3	3
94	1	2	2	1	4	2
95	1	2	2	1	5	2
96	1	2	2	2	1	3
97	1	2	2	2	2	3
98	1	2	2	2	3	2
99	1	2	2	2	4	2
100	1	2	2	2	5	3
101	1	2	2	3	1	3
102	1	2	2	3	2	2
103	1	2	2	3	3	3
104	1	2	2	3	4	2
105	1	2	2	3	5	2
106	1	2	2	4	1	2
107	1	2	2	4	2	3
108	1	2	2	4	3	3
109	1	2	2	4	4	2
110	1	2	2	4	5	3
111	1	2	2	5	1	2
112	1	2	2	5	2	3
113	1	2	2	5	3	3

114	1	2	2	5	4	2
115	1	2	2	5	5	3
116	1	2	2	6	1	3
117	1	2	2	6	2	2
118	1	2	2	6	3	3
119	1	2	2	6	4	3
120	1	2	2	6	5	3
121	1	2	3	1	1	2
122	1	2	3	1	2	3
123	1	2	3	1	3	3
124	1	2	3	1	4	3
125	1	2	3	1	5	2
126	1	2	3	2	1	3
127	1	2	3	2	2	2
128	1	2	3	2	3	2
129	1	2	3	2	4	3
130	1	2	3	2	5	2
131	1	2	3	3	1	2
132	1	2	3	3	2	2
133	1	2	3	3	3	2
134	1	2	3	3	4	3
135	1	2	3	3	5	2
136	1	2	3	4	1	3
137	1	2	3	4	2	3
138	1	2	3	4	3	2
139	1	2	3	4	4	3
140	1	2	3	4	5	3
141	1	2	3	5	1	2
142	1	2	3	5	2	2
143	1	2	3	5	3	3
144	1	2	3	5	4	3
145	1	2	3	5	5	2
146	1	2	3	6	1	2
147	1	2	3	6	2	2
148	1	2	3	6	3	3
149	1	2	3	6	4	2
150	1	2	3	6	5	2
151	1	3	1	1	1	2
152	1	3	1	1	2	2
153	1	3	1	1	3	3
154	1	3	1	1	4	2
155	1	3	1	1	5	3
156	1	3	1	2	1	2
157	1	3	1	2	2	2
158	1	3	1	2	3	2
159	1	3	1	2	4	2
160	1	3	1	2	5	3
161	1	3	1	3	1	2
162	1	3	1	3	2	2
163	1	3	1	3	3	2
164	1	3	1	3	4	2
165	1	3	1	3	5	3
166	1	3	1	4	1	3
167	1	3	1	4	2	3
168	1	3	1	4	3	3
169	1	3	1	4	4	3
170	1	3	1	4	5	3
171	1	3	1	5	1	3
172	1	3	1	5	2	2
173	1	3	1	5	3	2
174	1	3	1	5	4	3
175	1	3	1	5	5	3

176	1	3	1	6	1	3
177	1	3	1	6	2	2
178	1	3	1	6	3	3
179	1	3	1	6	4	2
180	1	3	1	6	5	3
181	1	3	2	1	1	2
182	1	3	2	1	2	2
183	1	3	2	1	3	2
184	1	3	2	1	4	3
185	1	3	2	1	5	3
186	1	3	2	2	1	3
187	1	3	2	2	2	2
188	1	3	2	2	3	3
189	1	3	2	2	4	2
190	1	3	2	2	5	2
191	1	3	2	3	1	2
192	1	3	2	3	2	2
193	1	3	2	3	3	2
194	1	3	2	3	4	3
195	1	3	2	3	5	2
196	1	3	2	4	1	2
197	1	3	2	4	2	2
198	1	3	2	4	3	3
199	1	3	2	4	4	3
200	1	3	2	4	5	3
201	1	3	2	5	1	2
202	1	3	2	5	2	2
203	1	3	2	5	3	2
204	1	3	2	5	4	2
205	1	3	2	5	5	3
206	1	3	2	6	1	2
207	1	3	2	6	2	2
208	1	3	2	6	3	3
209	1	3	2	6	4	2
210	1	3	2	6	5	2
211	1	3	3	1	1	3
212	1	3	3	1	2	3
213	1	3	3	1	3	2
214	1	3	3	1	4	3
215	1	3	3	1	5	2
216	1	3	3	2	1	3
217	1	3	3	2	2	2
218	1	3	3	2	3	2
219	1	3	3	2	4	2
220	1	3	3	2	5	3
221	1	3	3	3	1	2
222	1	3	3	3	2	3
223	1	3	3	3	3	2
224	1	3	3	3	4	2
225	1	3	3	3	5	3
226	1	3	3	4	1	3
227	1	3	3	4	2	2
228	1	3	3	4	3	2
229	1	3	3	4	4	2
230	1	3	3	4	5	3
231	1	3	3	5	1	2
232	1	3	3	5	2	2
233	1	3	3	5	3	3
234	1	3	3	5	4	2
235	1	3	3	5	5	2
236	1	3	3	6	1	3
237	1	3	3	6	2	3

238	1	3	3	6	3	2
239	1	3	3	6	4	3
240	1	3	3	6	5	3
241	1	4	1	1	1	2
242	1	4	1	1	2	2
243	1	4	1	1	3	3
244	1	4	1	1	4	2
245	1	4	1	1	5	3
246	1	4	1	2	1	3
247	1	4	1	2	2	3
248	1	4	1	2	3	2
249	1	4	1	2	4	2
250	1	4	1	2	5	2
251	1	4	1	3	1	2
252	1	4	1	3	2	2
253	1	4	1	3	3	3
254	1	4	1	3	4	3
255	1	4	1	3	5	2
256	1	4	1	4	1	3
257	1	4	1	4	2	2
258	1	4	1	4	3	3
259	1	4	1	4	4	3
260	1	4	1	4	5	2
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6835	12	7	5	5	5	2
6836	12	7	5	6	1	2
6837	12	7	5	6	2	3
6838	12	7	5	6	3	2
6839	12	7	5	6	4	3
6840	12	7	5	6	5	2

6840 rows in set (0.00 sec)

mysql> SELECT * FROM employee;

emp_ID	home_dept	fname	mname	lname	ssn	phone1	phone2
start_date	end_date	full_time	salaried	pay_rate			
1	NULL	Adam	Adam	Apple	000-00-0001	000-000-0001	
000-000-0001	2017-10-11	01:00:46	NULL	1	1	22.5	
2	NULL	Brad	Brad	Baker	000-00-0002	000-000-0002	
000-000-0002	2017-10-11	01:00:46	NULL	0	0	15	
3	NULL	Charles	Charles	Chaplan	000-00-0003	000-000-0003	
000-000-0003	2017-10-11	01:00:46	NULL	0	1	37	
4	NULL	Derek	Derek	Davis	000-00-0004	000-000-0004	
000-000-0004	2017-10-11	01:00:46	NULL	1	1	40	
5	NULL	Evan	Evan	Elliott	000-00-0005	000-000-0005	
000-000-0005	2017-10-11	01:00:46	NULL	1	1	21	
6	NULL	Frank	Frank	Farris	000-00-0006	000-000-0006	
000-000-0006	2017-10-11	01:00:46	NULL	1	1	32	
7	NULL	George	George	Grant	000-00-0007	000-000-0007	
000-000-0007	2017-10-11	01:00:46	NULL	0	0	19	
8	NULL	Hank	Hank	Hamill	000-00-0008	000-000-0008	
000-000-0008	2017-10-11	01:00:46	NULL	0	0	21	
9	NULL	Ivan	Ivan	Ikarov	000-00-0009	000-000-0009	
000-000-0009	2017-10-11	01:00:46	NULL	1	0	24	
10	NULL	Jack	Jack	Joplin	000-00-0010	000-000-0010	

000-000-0010	2017-10-11	01:00:46	NULL	1	1	21
11	NULL	Kevin	Kevin	Keller	000-00-0011	000-000-0011
000-000-0011	2017-10-11	01:00:46	NULL	1	1	20
12	NULL	Lenny	Lenny	Landman	000-00-0012	000-000-0012
000-000-0012	2017-10-11	01:00:46	NULL	1	1	17
13	NULL	Mark	Mark	Morris	000-00-0013	000-000-0013
000-000-0013	2017-10-11	01:00:46	NULL	1	1	32
14	NULL	Nick	Nick	Norton	000-00-0014	000-000-0014
000-000-0014	2017-10-11	01:00:46	NULL	0	1	23
15	NULL	Orval	Orval	Obrian	000-00-0015	000-000-0015
000-000-0015	2017-10-11	01:00:46	NULL	0	0	30
16	NULL	Peter	Peter	Parker	000-00-0016	000-000-0016
000-000-0016	2017-10-11	01:00:46	NULL	0	1	39
17	NULL	Quinn	Quinn	Quarrick	000-00-0017	000-000-0017
000-000-0017	2017-10-11	01:00:46	NULL	1	0	15
18	NULL	Robert	Robert	Rodgers	000-00-0018	000-000-0018
000-000-0018	2017-10-11	01:00:46	NULL	1	1	17
19	NULL	Sam	Sam	Saville	000-00-0019	000-000-0019
000-000-0019	2017-10-11	01:00:46	NULL	0	1	38
20	NULL	Tom	Tom	Tarantino	000-00-0020	000-000-0020
000-000-0020	2017-10-11	01:00:46	NULL	0	0	27

20 rows in set (0.00 sec)

mysql> SELECT * FROM role;

role_ID	role
1	RN
2	LPN
3	NP
4	CNS
5	NA

5 rows in set (0.00 sec)

mysql> SELECT * FROM shift;

shift_ID	emp_ID	dept_ID	time_ID	week_ID	day_ID	status_ID	pay_modifier
1	1	4	5	1	7	1	2
2	1	2	3	1	2	4	1
3	1	2	5	1	1	4	1.5
4	1	1	2	1	4	1	1.5
5	1	3	2	1	3	4	1
6	1	1	5	2	7	2	0
7	1	3	4	2	1	4	1.5
8	1	2	1	2	3	3	1
9	1	5	3	2	4	1	1.5
10	1	4	2	2	5	4	1
11	1	6	2	3	2	4	1
12	1	2	4	3	1	4	1.5
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930	16	5	1	6	6	2	0
931	16	6	1	7	2	2	0
932	16	2	1	7	3	4	1
933	16	2	1	7	4	4	1
934	16	6	2	7	6	4	1
935	16	4	5	7	7	2	0
936	16	1	4	8	7	3	1.5
937	16	2	2	8	5	4	1
938	16	1	2	8	3	4	1
939	16	6	2	8	4	2	0
940	16	4	2	8	6	4	1
941	16	3	5	9	7	2	0
942	16	6	4	9	1	1	2
943	16	3	3	9	2	3	1
944	16	1	1	9	3	3	1
945	16	4	1	9	4	3	1
946	16	6	1	10	2	3	1
947	16	2	1	10	3	4	1
948	16	5	1	10	5	2	0
949	16	3	1	10	4	4	1
950	16	4	4	10	7	1	2

951	16	5	5	11	1	1	2
952	16	6	2	11	6	1	1.5
953	16	2	4	11	7	2	0
954	16	5	2	11	5	4	1
955	16	4	3	11	4	3	1
956	16	4	4	12	7	3	1.5
957	16	2	1	12	5	4	1
958	16	1	5	12	1	1	2
959	16	2	3	12	2	3	1
960	16	2	2	12	6	1	1.5
961	17	4	2	1	2	3	1
962	17	5	1	1	4	2	0
963	17	4	5	1	1	2	0
964	17	2	2	1	6	3	1
965	17	5	4	1	7	2	0
966	17	6	5	2	1	2	0
967	17	2	2	2	2	3	1
968	17	6	1	2	5	4	1
969	17	6	3	2	4	4	1
970	17	3	3	2	3	1	1.5
971	17	6	1	3	6	3	1
972	17	2	3	3	3	2	0
973	17	3	4	3	7	3	1.5
974	17	5	1	3	4	4	1
975	17	1	3	3	2	4	1
976	17	5	5	4	1	4	1.5
977	17	5	3	4	3	3	1
978	17	1	3	4	5	3	1
979	17	1	5	4	7	3	1.5
980	17	3	3	4	2	2	0
981	17	5	4	5	1	3	1.5
982	17	1	1	5	5	1	1.5
983	17	6	1	5	4	1	1.5
984	17	1	2	5	6	1	1.5
985	17	3	3	5	3	1	1.5
986	17	3	2	6	5	2	0
987	17	3	1	6	3	3	1
988	17	5	1	6	2	2	0
989	17	4	4	6	1	1	2
990	17	3	2	6	4	1	1.5
991	17	3	1	7	5	4	1
992	17	6	2	7	6	3	1
993	17	2	2	7	4	4	1
994	17	1	5	7	1	3	1.5
995	17	3	5	7	7	4	1.5
996	17	2	4	8	7	2	0
997	17	5	2	8	2	4	1
998	17	3	1	8	6	4	1
999	17	4	1	8	4	3	1
1000	17	4	3	8	3	1	1.5
1001	17	2	5	9	7	2	0
1002	17	6	1	9	5	3	1
1003	17	1	3	9	6	1	1.5
1004	17	1	2	9	4	3	1
1005	17	1	3	9	3	2	0
1006	17	2	2	10	6	4	1
1007	17	4	3	10	2	4	1
1008	17	3	4	10	7	2	0
1009	17	2	2	10	3	3	1
1010	17	1	2	10	4	3	1
1011	17	3	2	11	2	1	1.5
1012	17	5	3	11	5	4	1

1013	17	3	5	11	1	3	1.5
1014	17	5	1	11	3	2	0
1015	17	6	4	11	7	3	1.5
1016	17	4	1	12	5	2	0
1017	17	5	2	12	3	1	1.5
1018	17	2	5	12	7	3	1.5
1019	17	5	4	12	1	4	1.5
1020	17	1	2	12	2	1	1.5
1021	18	1	3	1	2	1	1.5
1022	18	1	2	1	5	3	1
1023	18	2	1	1	4	2	0
1024	18	2	5	1	7	4	1.5
1025	18	5	2	1	3	3	1
1026	18	1	1	2	4	1	1.5
1027	18	5	5	2	7	1	2
1028	18	2	5	2	1	3	1.5
1029	18	1	3	2	6	3	1
1030	18	3	2	2	2	4	1
1031	18	1	2	3	3	2	0
1032	18	2	4	3	7	2	0
1033	18	5	2	3	5	2	0
1034	18	1	3	3	6	3	1
1035	18	1	4	3	1	4	1.5
1036	18	6	3	4	5	2	0
1037	18	1	5	4	1	2	0
1038	18	1	2	4	6	4	1
1039	18	5	3	4	2	2	0
1040	18	1	2	4	4	3	1
1041	18	6	4	5	7	4	1.5
1042	18	2	3	5	4	2	0
1043	18	2	2	5	3	3	1
1044	18	4	2	5	6	1	1.5
1045	18	5	1	5	5	1	1.5
1046	18	2	3	6	3	1	1.5
1047	18	4	2	6	5	2	0
1048	18	6	1	6	4	2	0
1049	18	2	1	6	6	4	1
1050	18	5	4	6	1	1	2
1051	18	2	2	7	2	4	1
1052	18	2	3	7	4	3	1
1053	18	4	1	7	6	4	1
1054	18	1	3	7	3	4	1
1055	18	5	5	7	1	4	1.5
1056	18	3	2	8	4	4	1
1057	18	2	2	8	6	3	1
1058	18	4	4	8	7	2	0
1059	18	4	4	8	1	3	1.5
1060	18	1	1	8	5	3	1
1061	18	1	3	9	2	3	1
1062	18	3	4	9	7	4	1.5
1063	18	4	1	9	6	3	1
1064	18	1	3	9	4	4	1
1065	18	4	1	9	5	4	1
1066	18	4	2	10	4	2	0
1067	18	1	2	10	6	1	1.5
1068	18	4	5	10	1	2	0
1069	18	3	2	10	2	2	0
1070	18	3	2	10	5	1	1.5
1071	18	3	2	11	3	3	1
1072	18	3	2	11	4	2	0
1073	18	1	2	11	2	2	0
1074	18	1	2	11	5	3	1

1075	18	5	5	11	1	4	1.5
1076	18	1	3	12	3	4	1
1077	18	3	3	12	5	1	1.5
1078	18	5	4	12	7	1	2
1079	18	6	2	12	2	4	1
1080	18	3	5	12	1	2	0
1081	19	4	2	1	4	4	1
1082	19	6	3	1	5	1	1.5
1083	19	6	2	1	6	4	1
1084	19	6	2	1	2	2	0
1085	19	1	4	1	1	2	0
1086	19	1	5	2	1	2	0
1087	19	5	2	2	6	1	1.5
1088	19	3	5	2	7	1	2
1089	19	2	2	2	3	4	1
1090	19	2	3	2	2	3	1
1091	19	3	1	3	5	3	1
1092	19	6	4	3	1	2	0
1093	19	6	3	3	6	3	1
1094	19	4	3	3	2	1	1.5
1095	19	5	2	3	3	2	0
1096	19	6	4	4	7	3	1.5
1097	19	6	3	4	3	3	1
1098	19	1	4	4	1	2	0
1099	19	6	2	4	2	1	1.5
1100	19	5	2	4	5	3	1
1101	19	6	2	5	2	1	1.5
1102	19	6	3	5	4	2	0
1103	19	5	4	5	1	2	0
1104	19	5	2	5	6	3	1
1105	19	3	2	5	5	2	0
1106	19	6	3	6	4	1	1.5
1107	19	5	2	6	6	3	1
1108	19	4	2	6	5	2	0
1109	19	3	3	6	3	1	1.5
1110	19	5	4	6	7	3	1.5
1111	19	5	2	7	5	1	1.5
1112	19	4	1	7	3	3	1
1113	19	6	3	7	4	2	0
1114	19	1	2	7	6	1	1.5
1115	19	1	5	7	1	2	0
1116	19	1	3	8	6	3	1
1117	19	5	5	8	1	1	2
1118	19	2	4	8	7	1	2
1119	19	4	3	8	4	1	1.5
1120	19	2	3	8	3	1	1.5
1121	19	6	3	9	4	4	1
1122	19	1	4	9	7	4	1.5
1123	19	2	3	9	3	2	0
1124	19	6	2	9	6	2	0
1125	19	1	1	9	5	2	0
1126	19	3	3	10	6	1	1.5
1127	19	2	5	10	7	1	2
1128	19	5	4	10	1	4	1.5
1129	19	3	1	10	3	2	0
1130	19	1	2	10	2	2	0
1131	19	3	1	11	5	3	1
1132	19	2	2	11	3	4	1
1133	19	1	3	11	2	3	1
1134	19	4	3	11	4	2	0
1135	19	5	4	11	7	1	2
1136	19	4	4	12	7	4	1.5

1137	19	6	3	12	2	4	1
1138	19	5	2	12	6	3	1
1139	19	4	3	12	5	3	1
1140	19	6	3	12	3	1	1.5
1141	20	1	4	1	1	4	1.5
1142	20	6	2	1	4	3	1
1143	20	5	2	1	6	1	1.5
1144	20	1	1	1	3	1	1.5
1145	20	4	3	1	5	2	0
1146	20	2	5	2	1	2	0
1147	20	3	4	2	7	3	1.5
1148	20	5	3	2	5	3	1
1149	20	5	2	2	4	1	1.5
1150	20	1	2	2	6	4	1
1151	20	3	5	3	7	3	1.5
1152	20	2	1	3	4	3	1
1153	20	6	5	3	1	1	2
1154	20	5	2	3	3	1	1.5
1155	20	6	1	3	6	3	1
1156	20	1	5	4	7	2	0
1157	20	6	1	4	4	3	1
1158	20	4	4	4	1	1	2
1159	20	2	3	4	6	1	1.5
1160	20	2	1	4	2	3	1
1161	20	4	1	5	4	1	1.5
1162	20	3	1	5	6	1	1.5
1163	20	1	4	5	1	1	2
1164	20	5	1	5	5	3	1
1165	20	2	1	5	3	4	1
1166	20	1	1	6	6	4	1
1167	20	6	2	6	3	2	0
1168	20	5	3	6	5	3	1
1169	20	2	4	6	7	4	1.5
1170	20	4	3	6	4	1	1.5
1171	20	5	4	7	7	4	1.5
1172	20	5	3	7	5	2	0
1173	20	1	3	7	6	4	1
1174	20	2	2	7	2	2	0
1175	20	6	2	7	3	1	1.5
1176	20	4	1	8	6	2	0
1177	20	5	3	8	5	3	1
1178	20	3	1	8	3	1	1.5
1179	20	6	4	8	7	2	0
1180	20	5	5	8	1	2	0
1181	20	2	1	9	3	4	1
1182	20	1	5	9	7	4	1.5
1183	20	3	1	9	2	3	1
1184	20	2	4	9	1	1	2
1185	20	1	1	9	5	2	0
1186	20	6	5	10	7	1	2
1187	20	2	2	10	3	4	1
1188	20	6	3	10	4	3	1
1189	20	1	1	10	2	1	1.5
1190	20	4	1	10	5	1	1.5
1191	20	6	1	11	5	4	1
1192	20	5	5	11	7	1	2
1193	20	1	3	11	2	2	0
1194	20	3	2	11	6	3	1
1195	20	5	2	11	4	2	0
1196	20	2	1	12	6	2	0
1197	20	6	5	12	7	4	1.5
1198	20	6	1	12	2	1	1.5

1199	20	6	3	12	4	4	1
1200	20	6	5	12	1	4	1.5

1200 rows in set (0.00 sec)

mysql> SELECT * FROM shift_status;

status_ID	status
1	Call-in
2	Call-off
3	Req-in
4	Req-off

4 rows in set (0.00 sec)

mysql> SELECT * FROM shift_time;

time_ID	shift_start	shift_end	shift_length
1	07:00:00	15:00:00	8
2	15:00:00	23:00:00	8
3	23:00:00	07:00:00	8
4	07:00:00	19:00:00	12
5	19:00:00	07:00:00	12

5 rows in set (0.00 sec)

mysql> SELECT * FROM week;

week_ID	start_date	end_date
1	2017-10-01	2017-10-07
2	2017-10-08	2017-10-14
3	2017-10-15	2017-10-21
4	2017-10-22	2017-10-28
5	2017-10-29	2017-11-04
6	2017-11-05	2017-11-11
7	2017-11-12	2017-11-18
8	2017-11-19	2017-11-25
9	2017-11-26	2017-12-02
10	2017-12-03	2017-12-09
11	2017-12-10	2017-12-16
12	2017-12-17	2017-12-23

12 rows in set (0.00 sec)

mysql> SELECT * FROM weekday;

day_ID	day_name
1	SUN
2	MON
3	TUE
4	WED
5	THU
6	FRI
7	SAT

7 rows in set (0.00 sec)