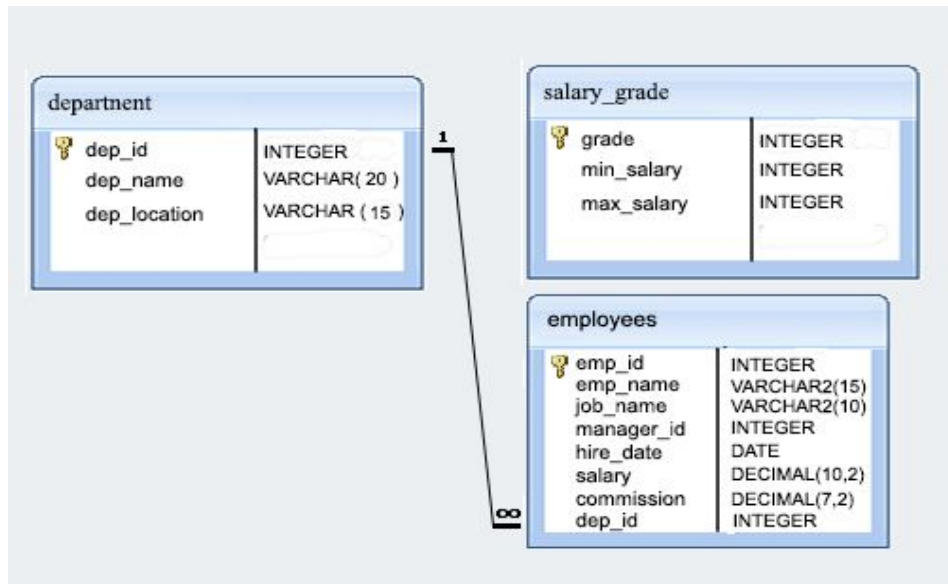


# Assignment

## Introduction to Databases



Employees sample table

emp_id	emp_name	job_name	manager_id	hire_date	salary	commission	dep_id
68319	KAYLING	PRESIDENT		1991-11-18	6000.00		1001
66928	BLAZE	MANAGER	68319	1991-05-01	2750.00		3001
67832	CLARE	MANAGER	68319	1991-06-09	2550.00		1001
65646	JONAS	MANAGER	68319	1991-04-02	2957.00		2001
67858	SCARLET	ANALYST	65646	1997-04-19	3100.00		2001
69062	FRANK	ANALYST	65646	1991-12-03	3100.00		2001
63679	SANDRINE	CLERK	69062	1990-12-18	900.00		2001
64989	ADELYN	SALESMAN	66928	1991-02-20	1700.00	400.00	3001
65271	WADE	SALESMAN	66928	1991-02-22	1350.00	600.00	3001
66564	MADDEN	SALESMAN	66928	1991-09-28	1350.00	1500.00	3001
68454	TUCKER	SALESMAN	66928	1991-09-08	1600.00	0.00	3001
68736	ADNRES	CLERK	67858	1997-05-23	1200.00		2001
69000	JULIUS	CLERK	66928	1991-12-03	1050.00		3001
69324	MARKER	CLERK	67832	1992-01-23	1400.00		1001

(14 rows)

dep_id	dep_name	dep_location	grade	min_sal	max_sal
1001	FINANCE	SYDNEY	1	800	1300
2001	AUDIT	MELBOURNE	2	1301	1500
3001	MARKETING	PERTH	3	1501	2100
4001	PRODUCTION	BRISBANE	4	2101	3100
			5	3101	9999

(4 rows) (5 rows)

# Assignment

## Introduction to Databases

**Q1:**

Write insert command to add a employee with job\_name ANALYST and dep\_id as 1001 choose remaining fields as you wish.

Note: Use TO\_DATE row function

**Q2:**

Write a query in SQL to display all the details of managers

Note: You have to get the date in format 12-JAN-2018

**Q3:**

Write a query in SQL to list the employee ID, name, salary, department name of all the 'MANAGERS' and 'ANALYST' working in SYDNEY, PERTH with an exp more than 5 years without receiving the commission and display the list in ascending order of location

**Q4:**

Write a query in SQL to list the employees whose salary is more than the total remuneration of the SALESMAN

# Assignment

## Introduction to Databases

**Q5:**

**Write a query in SQL to list the employees who are senior to BLAZE**

**Q6:**

**Write a query in SQL to list the employees who are senior to BLAZE and working at PERTH or BRISBANE**

**HINT: use Q5 answer + IN**

**Q7:**

**Write a query in SQL to list the employees of grade 3 and 4 working in the department of FINANCE or AUDIT**

Note: employees who get salary in between min\_salary and max\_salary belongs to that particular grade. For example salary between 1301 and 1500 belongs to grade 2.

**Q8:**

**Write a query in SQL to list any job of department ID 1001 those that are found in department ID 2001.**

# Assignment

## Introduction to Databases

**Q9:**

**Write a query in SQL to find the details of highest paid employee.**

**Q10:**

**Write a query in SQL to display the total(sum) salary of employees belonging to grade 3.**

**Q11:**

**Write a query in SQL to list the employees of grade 3 and 4 working in the department of FINANCE or AUDIT and whose salary is more than the salary of ADELYN and experience is more than FRANK**

**Q12:**

**Write SQL queries to create to create the tables given above, you must use primary key and foreign key.**

Assignment  
Introduction to Databases