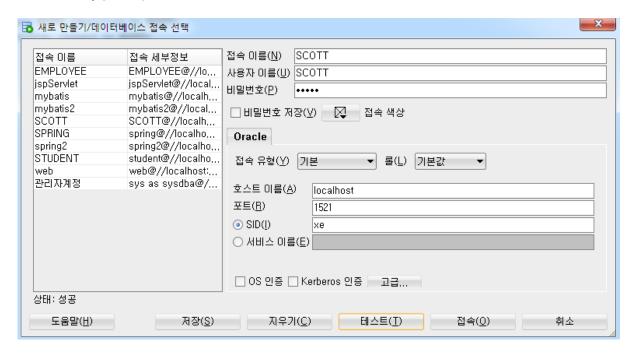
SCOTT 계정 만들기

1. 관리자 계정(SYSTEM)에서 SCOTT 계정 생성

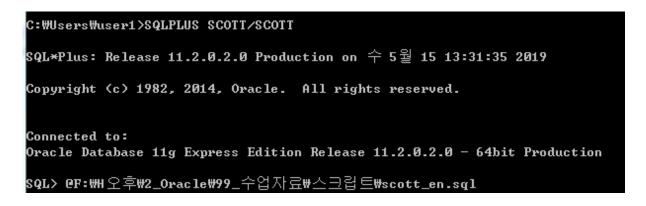
grant resource, connect to SCOTT;

2. SCOTT계정 접속

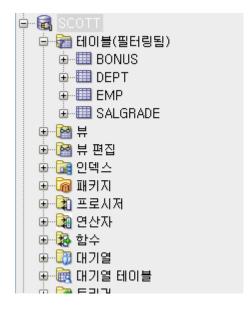


3. CMD창에서 SCOTT계정에 접속하여 해당 스크립트 파일을 실행하여 구축

(스크립트 파일의 경로는 다를 수 있음)



4. 새로 고침 눌러 잘 만들어졌는지 확인



SCOTT_연습문제

1. EMP테이블에서 COMM 의 값이 NULL이 아닌 정보 조회

1	7499	ALLEN	SALESMAN	7698	81/02/20	1600	300	30
2	7521	WARD	SALESMAN	7698	81/02/22	1250	200	30
3	7566	JONES	MANAGER	7839	81/04/02	2975	30	20
4	7654	MARTIN	SALESMAN	7698	81/09/28	1250	300	30
5	7839	KING	PRESIDENT	(null)	81/11/17	5000	3500	10
6	7844	TURNER	SALESMAN	7698	81/09/08	1500	0	30

2. EMP테이블에서 커미션을 받지 못하는 직원 조회

1	7369	SMITH	CLERK	7902	80/12/	17 800	(null)	20
2	7698	BLAKE	MANAGER	7839	81/04/	01 2850	(null)	30
3	7782	CLARK	MANAGER	7839	81/06/	01 2450	(null)	10
4	7788	SCOTT	ANALYST	7566	82/10/	09 3000	(null)	20
5	7844	TURNER	SALESMAN	7698	81/09/	08 1500	0	30
6	7876	ADAMS	CLERK	7788	83/01/	12 1100	(null)	20
-7	7900	JAMES	CLERK	7698	81/10/	03 950	(null)	30
8	7902	FORD	ANALYST	7566	81/10/	03 3000	(null)	20
9	7934	MILLER	CLERK	7782	82/01/	23 1300	(null)	10

3. EMP테이블에서 관리자가 없는 직원 정보 조회

1	7020	KING	PRESIDENT	/ 7 7 V	01/11/17	E000	3500	10
	/ 0.39	K I NU	PRESTUENT	(1111111)	81/11/1/	5000	3500	10
				(/	,,			

4. EMP테이블에서 급여를 많이 받는 직원 순으로 조회

7839	KING	PRESIDENT	(null)	81/1	1/17	5000	3500	10
7902	FORD	ANALYST	7566	81/1	0/03	3000	(null)	20
7788	SCOTT	ANALYST	7566	82/1	0/09	3000	(null)	20
7566	JONES	MANAGER	7839	81/0	4/02	2975	30	20
7698	BLAKE	MANAGER	7839	81/0	4/01	2850	(null)	30
7782	CLARK	MANAGER	7839	81/0	6/01	2450	(null)	10
7499	ALLEN	SALESMAN	7698	81/0	2/20	1600	300	30
7844	TURNER	SALESMAN	7698	81/0	9/08	1500	0	30
7934	MILLER	CLERK	7782	82/0	1/23	1300	(null)	10
7521	WARD	SALESMAN	7698	81/0	2/22	1250	200	30
7654	MARTIN	SALESMAN	7698	81/0	9/28	1250	300	30
7876	ADAMS	CLERK	7788	83/0	1/12	1100	(null)	20
7900	JAMES	CLERK	7698	81/1	0/03	950	(null)	30
7369	SMITH	CLERK	7902	80/1	2/17	800	(null)	20
	7902 7788 7566 7698 7782 7499 7844 7934 7521 7654 7876	7839 KING 7902 FORD 7788 SCOTT 7566 JONES 7698 BLAKE 7782 CLARK 7499 ALLEN 7844 TURNER 7934 MILLER 7521 WARD 7654 MARTIN 7876 ADAMS 7900 JAMES 7369 SMITH	7902 FORD ANALYST 7788 SCOTT ANALYST 7566 JONES MANAGER 7698 BLAKE MANAGER 7782 CLARK MANAGER 7499 ALLEN SALESMAN 7844 TURNER SALESMAN 7934 MILLER CLERK 7521 WARD SALESMAN 7654 MARTIN SALESMAN 7876 ADAMS CLERK 7900 JAMES CLERK	7902 FORD ANALYST 7566 7788 SCOTT ANALYST 7566 7566 JONES MANAGER 7839 7698 BLAKE MANAGER 7839 7782 CLARK MANAGER 7839 7499 ALLEN SALESMAN 7698 7844 TURNER SALESMAN 7698 7934 MILLER CLERK 7782 7521 WARD SALESMAN 7698 7654 MARTIN SALESMAN 7698 7876 ADAMS CLERK 7788 7900 JAMES CLERK 7698	7902 FORD ANALYST 7566 81/1 7788 SCOTT ANALYST 7566 82/1 7566 JONES MANAGER 7839 81/0 7698 BLAKE MANAGER 7839 81/0 7782 CLARK MANAGER 7839 81/0 7499 ALLEN SALESMAN 7698 81/0 7844 TURNER SALESMAN 7698 81/0 7934 MILLER CLERK 7782 82/0 7521 WARD SALESMAN 7698 81/0 7654 MARTIN SALESMAN 7698 81/0 7876 ADAMS CLERK 7788 83/0 7900 JAMES CLERK 7698 81/1	7902 FORD ANALYST 7566 81/10/03 7788 SCOTT ANALYST 7566 82/10/09 7566 JONES MANAGER 7839 81/04/02 7698 BLAKE MANAGER 7839 81/04/01 7782 CLARK MANAGER 7839 81/06/01 7499 ALLEN SALESMAN 7698 81/02/20 7844 TURNER SALESMAN 7698 81/09/08 7934 MILLER CLERK 7782 82/01/23 7521 WARD SALESMAN 7698 81/02/22 7654 MARTIN SALESMAN 7698 81/09/28 7876 ADAMS CLERK 7788 83/01/12 7900 JAMES CLERK 7698 81/10/03	7902 FORD ANALYST 7566 81/10/03 3000 7788 SCOTT ANALYST 7566 82/10/09 3000 7566 JONES MANAGER 7839 81/04/02 2975 7698 BLAKE MANAGER 7839 81/04/01 2850 7782 CLARK MANAGER 7839 81/06/01 2450 7499 ALLEN SALESMAN 7698 81/02/20 1600 7844 TURNER SALESMAN 7698 81/09/08 1500 7934 MILLER CLERK 7782 82/01/23 1300 7521 WARD SALESMAN 7698 81/02/22 1250 7654 MARTIN SALESMAN 7698 81/09/28 1250 7876 ADAMS CLERK 7788 83/01/12 1100 7900 JAMES CLERK 7698 81/10/03 950	7902 FORD ANALYST 7566 81/10/03 3000 (null) 7788 SCOTT ANALYST 7566 82/10/09 3000 (null) 7566 JONES MANAGER 7839 81/04/02 2975 30 7698 BLAKE MANAGER 7839 81/04/01 2850 (null) 7782 CLARK MANAGER 7839 81/06/01 2450 (null) 7499 ALLEN SALESMAN 7698 81/02/20 1600 300 7844 TURNER SALESMAN 7698 81/09/08 1500 0 7934 MILLER CLERK 7782 82/01/23 1300 (null) 7521 WARD SALESMAN 7698 81/02/22 1250 200 7654 MARTIN SALESMAN 7698 81/09/28 1250 300 7876 ADAMS CLERK 7788 83/01/12 1100 (null) 7900 JAMES CLERK 7698 81/10/03 950 (null)

5. EMP테이블에서 급여가 같을 경우 커미션을 내림차순 정렬 조회

1	7839	KING	PRESIDENT	(null)	81/11/17	5000	3500	10
2	7902	FORD	ANALYST	7566	81/10/03	3000	(null)	20
3	7788	SCOTT	ANALYST	7566	82/10/09	3000	(null)	20
4	7566	JONES	MANAGER	7839	81/04/02	2975	30	20
5	7698	BLAKE	MANAGER	7839	81/04/01	2850	(null)	30
6	7782	CLARK	MANAGER	7839	81/06/01	2450	(null)	10
7	7499	ALLEN	SALESMAN	7698	81/02/20	1600	300	30
8	7844	TURNER	SALESMAN	7698	81/09/08	1500	0	30
9	7934	MILLER	CLERK	7782	82/01/23	1300	(null)	10
10	7654	MARTIN	SALESMAN	7698	81/09/28	1250	300	30
11	7521	WARD	SALESMAN	7698	81/02/22	1250	200	30
12	7876	ADAMS	CLERK	7788	83/01/12	1100	(null)	20
13	7900	JAMES	CLERK	7698	81/10/03	950	(null)	30
14	7369	SMITH	CLERK	7902	80/12/17	800	(null)	20

6. EMP테이블에서 사원번호, 사원명, 직급, 입사일 조회 (단, 입사일을 오름차순 정렬 처리)

17 20 22 01
22
01
02
01
08
28
03
03
17
23
09
12

7. EMP테이블에서 사원번호, 사원명 조회 (사원번호 기준 내림차순 정렬)

1	7934 MILLER	
2	7902 FORD	
3	7900 JAMES	
4	7876 ADAMS	
5	7844 TURNER	
6	7839 KING	
7	7788 SCOTT	
8	7782 CLARK	
9	7698 BLAKE	
10	7654 MARTIN	
11	7566 JONES	
12	7521 WARD	
13	7499 ALLEN	
14	7369 SMITH	

8. EMP테이블에서 사번, 입사일, 사원명, 급여 조회 (부서번호가 빠른 순으로, 같은 부서번호일 때는 최근 입사일 순으로 처리)

		_	-		
1	7934	10	82/01/23	MILLER	1300
2	7839	10	81/11/17	KING	5000
3	7782	10	81/06/01	CLARK	2450
4	7876	20	83/01/12	ADAMS	1100
5	7788	20	82/10/09	SCOTT	3000
6	7902	20	81/10/03	FORD	3000
- 7	7566	20	81/04/02	JONES	2975
8	7369	20	80/12/17	SMITH	800
9	7900	30	81/10/03	JAMES	950
10	7654	30	81/09/28	MARTIN	1250
11	7844	30	81/09/08	TURNER	1500
12	7698	30	81/04/01	BLAKE	2850
13	7521	30	81/02/22	WARD	1250
14	7499	30	81/02/20	ALLEN	1600

9. 오늘 날짜에 대한 정보 조회

1 19/05/16

10. EMP테이블에서 사번, 사원명, 급여 조회

(단, 급여는 100단위까지의 값만 출력 처리하고 급여 기준 내림차순 정렬)

1	7839	KING	5000
2	7902	FORD	3000
3	7788	SCOTT	3000
4	7566	JONES	3000
5	7698	BLAKE	2900
6	7782	CLARK	2500
-7	7499	ALLEN	1600
8	7844	TURNER	1500
9	7934	MILLER	1300
10	7521	WARD	1300
11	7654	MARTIN	1300
12	7876	ADAMS	1100
13	7900	JAMES	1000
14	7369	SMITH	800

11. EMP테이블에서 사원번호가 홀수인 사원들을 조회

				-			-	
1	7369	SMITH	CLERK	7902	80/12/17	800	(null)	20
2	7499	ALLEN	SALESMAN	7698	81/02/20	1600	300	30
3	7521	WARD	SALESMAN	7698	81/02/22	1250	200	30
4	7839	KING	PRESIDENT	(null)	81/11/17	5000	3500	10

12. EMP테이블에서 사원명, 입사일 조회 (단, 입사일은 년도와 월을 분리 추출해서 출력)

1 SMITH	i 1980	12
2 ALLEN	1981	2
3 WARD	1981	2
4 JONES	1981	4
5 MARTI	IN 1981	9
6 BLAKE	1981	4
7 CLAR	1981	6
8 SCOTT	1982	10
9 KING	1981	11
10 TURNE	CR 1981	9
11 ADAMS	1983	1
12 JAMES	1981	10
13 FORD	1981	10
14 MILLE	ER 1982	1

13. EMP테이블에서 9월에 입사한 직원의 정보 조회

1	7654 MART	IN SALESMAN	7698 81/09/28	1250	300	30
2	7844 TURN	ER SALESMAN	7698 81/09/08	1500	0	30

14. EMP테이블에서 81년도에 입사한 직원 조회

1	7499	ALLEN	SALESMAN	7698	81/0	2/20	1600	300	30
2	7521	WARD	SALESMAN	7698	81/0	2/22	1250	200	30
3	7566	JONES	MANAGER	7839	81/0	4/02	2975	30	20
4	7654	MARTIN	SALESMAN	7698	81/0	9/28	1250	300	30
5	7698	BLAKE	MANAGER	7839	81/0	4/01	2850	(null)	30
6	7782	CLARK	MANAGER	7839	81/0	6/01	2450	(null)	10
7	7839	KING	PRESIDENT	(null)	81/1	1/17	5000	3500	10
8	7844	TURNER	SALESMAN	7698	81/0	9/08	1500	0	30
9	7900	JAMES	CLERK	7698	81/1	0/03	950	(null)	30
10	7902	FORD	ANALYST	7566	81/1	0/03	3000	(null)	20

15. EMP테이블에서 이름이 'E'로 끝나는 직원 조회

16. EMP테이블에서 이름의 세 번째 글자가 'R'인 직원의 정보 조회

16-1. LIKE 사용

16-2. SUBSTR() 함수 사용

1	7521 WARD	SALESMAN	7698 81/02/22	1250	200	30
2	7654 MARTIN	SALESMAN	7698 81/09/28	1250	300	30
3	7844 TURNER	SALESMAN	7698 81/09/08	1500	0	30
4	7902 FORD	ANALYST	7566 81/10/03	3000	(null)	20

17. EMP테이블에서 사번, 사원명, 입사일, 입사일로부터 40년 되는 날짜 조회

7369	SMITH	80/12/17	20/12/17
7499	ALLEN	81/02/20	21/02/20
7521	WARD	81/02/22	21/02/22
7566	JONES	81/04/02	21/04/02
7654	MARTIN	81/09/28	21/09/28
7698	BLAKE	81/04/01	21/04/01
7782	CLARK	81/06/01	21/06/01
7788	SCOTT	82/10/09	22/10/09
7839	KING	81/11/17	21/11/17
7844	TURNER	81/09/08	21/09/08
7876	ADAMS	83/01/12	23/01/12
7900	JAMES	81/10/03	21/10/03
7902	FORD	81/10/03	21/10/03
7934	MILLER	82/01/23	22/01/23
	7499 7521 7566 7654 7698 7782 7788 7839 7844 7876 7900 7902	7369 SMITH 7499 ALLEN 7521 WARD 7566 JONES 7654 MARTIN 7698 BLAKE 7782 CLARK 7788 SCOTT 7839 KING 7844 TURNER 7876 ADAMS 7900 JAMES 7902 FORD 7934 MILLER	7499 ALLEN 81/02/20 7521 WARD 81/02/22 7566 JONES 81/04/02 7654 MARTIN 81/09/28 7698 BLAKE 81/04/01 7782 CLARK 81/06/01 7788 SCOTT 82/10/09 7839 KING 81/11/17 7844 TURNER 81/09/08 7876 ADAMS 83/01/12 7900 JAMES 81/10/03 7902 FORD 81/10/03

18. EMP테이블에서 입사일로부터 38년 이상 근무한 직원의 정보 조회

1	7369	SMITH	CLERK	7902	80/12/17	800	(null)	20
2	7499	ALLEN	SALESMAN	7698	81/02/20	1600	300	30
3	7521	WARD	SALESMAN	7698	81/02/22	1250	200	30
4	7566	JONES	MANAGER	7839	81/04/02	2975	30	20
5	7698	BLAKE	MANAGER	7839	81/04/01	2850	(null)	30

19. 오늘 날짜에서 년도만 추출

1 2019	9
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