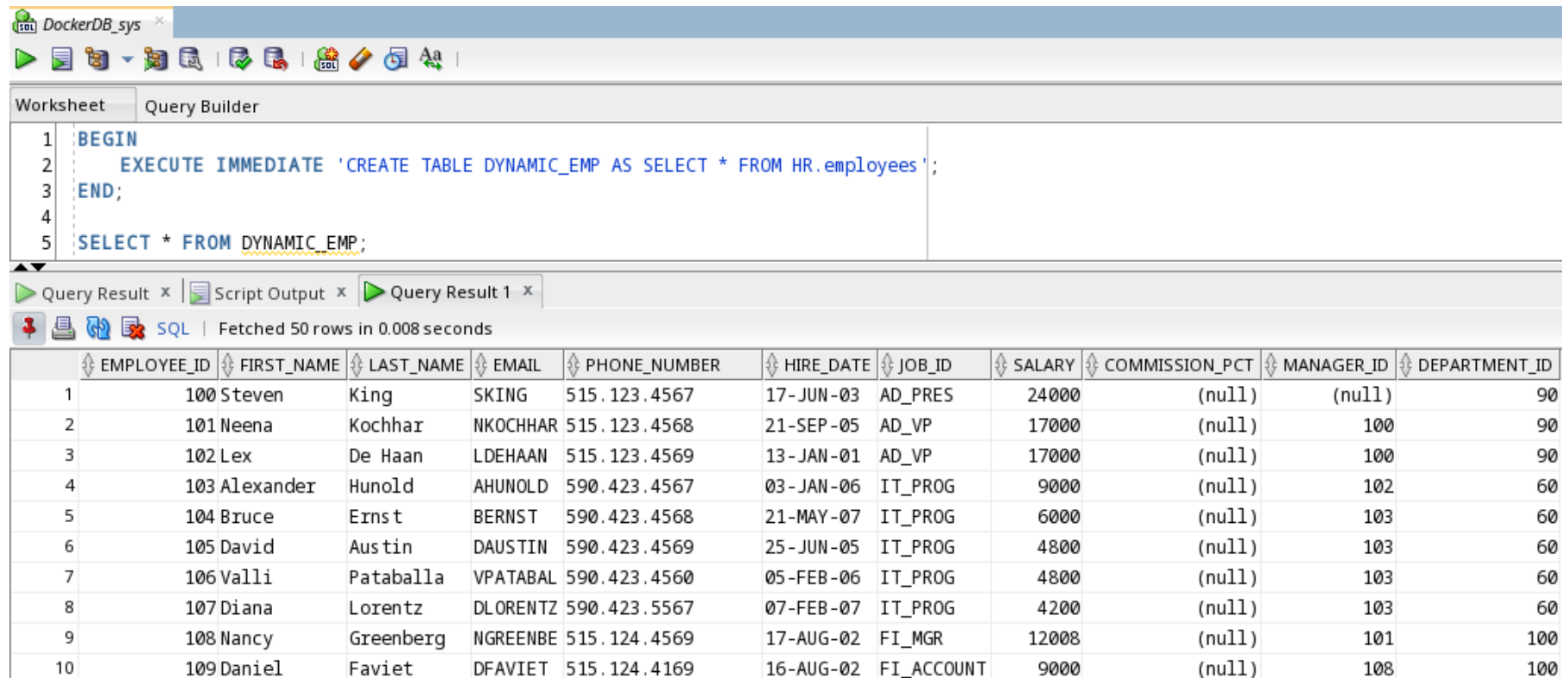


1. Создать копию таблицы EMPLOYEES (Сору EMPLOYEES) и перенести в нее все данные из исходной таблицы



The screenshot shows the SQL Developer interface with a query script in the Worksheet tab and its results in the Query Result 1 tab.

Query Script:

```
1 BEGIN
2     EXECUTE IMMEDIATE 'CREATE TABLE DYNAMIC_EMP AS SELECT * FROM HR.employees';
3 END;
4
5 SELECT * FROM DYNAMIC_EMP;
```

Query Result 1: Fetched 50 rows in 0.008 seconds

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(null)	90
2	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(null)	100	90
3	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	100	90
4	103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	(null)	102	60
5	104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	(null)	103	60
6	105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	(null)	103	60
7	106	Valli	Pataballa	VPATABAL	590.423.4560	05-FEB-06	IT_PROG	4800	(null)	103	60
8	107	Diana	Lorentz	DLORENTZ	590.423.5567	07-FEB-07	IT_PROG	4200	(null)	103	60
9	108	Nancy	Greenberg	NGREENBE	515.124.4569	17-AUG-02	FI_MGR	12008	(null)	101	100
10	109	Daniel	Faviet	DFAVIET	515.124.4169	16-AUG-02	FI_ACCOUNT	9000	(null)	108	100

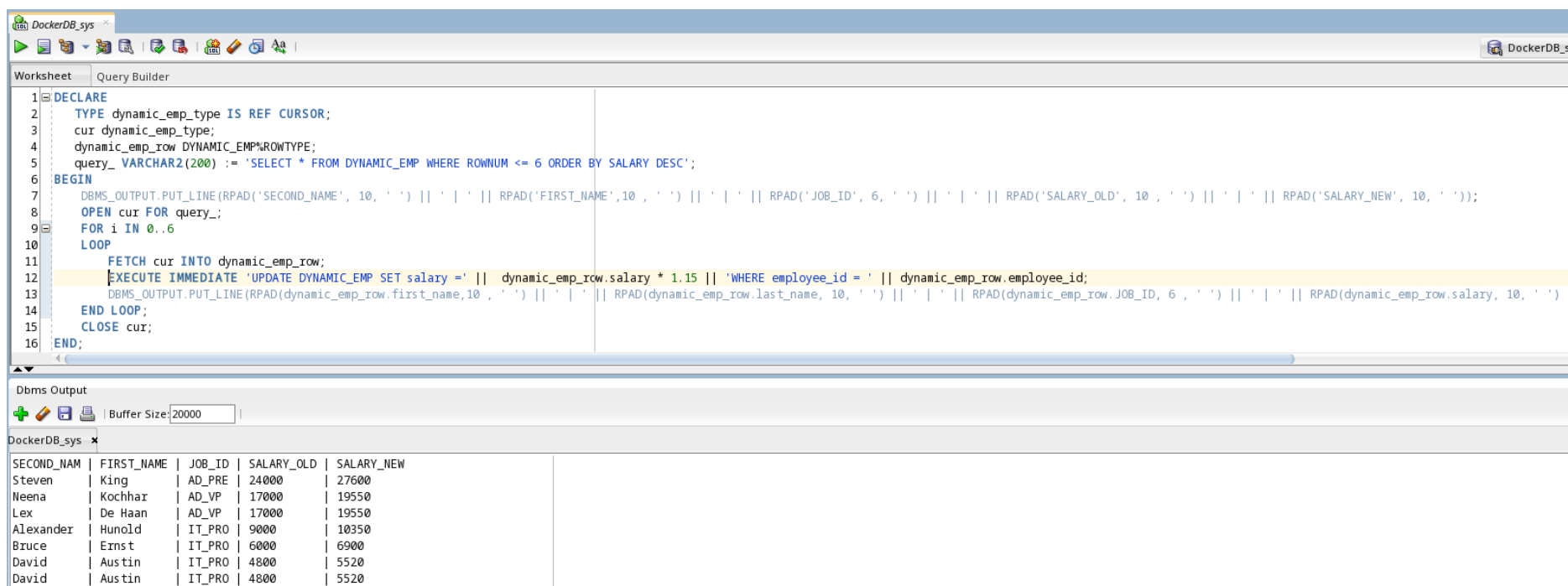
2. Выбрать 6 первых сотрудников из списка высокооплачиваемых (первые 6 в списке сотрудников, отсортированном по убыванию значения поля SALARY)

```

7 BEGIN
8     EXECUTE IMMEDIATE 'SELECT *
9                         FROM DYNAMIC_EMP
10                        WHERE ROWNUM <= 6
11                        ORDER BY SALARY DESC';
12 END;
```

	EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
1	100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	(null)	(null)	90
2	101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	(null)	100	90
3	102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	(null)	100	90
4	103	Alexander	Hunold	AHUNOLD	590.423.4567	03-JAN-06	IT_PROG	9000	(null)	102	60
5	104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	(null)	103	60
6	105	David	Austin	DAUSTIN	590.423.4569	25-JUN-05	IT_PROG	4800	(null)	103	60

3,4. Перебирая полученный список сотрудников для каждого отдела увеличить заработную плату у сотрудников на 15%. Полученный результат оформить в виде таблицы:



The screenshot displays the Oracle SQL Developer interface. The top pane shows a PL/SQL script in the 'Worksheet' tab. The script declares a cursor, opens it, and loops through the first six rows of the 'DYNAMIC_EMP' table to update their salaries by 15%. The bottom pane shows the 'Dbms Output' window with a table of results.

```
1 DECLARE
2   TYPE dynamic_emp_type IS REF CURSOR;
3   cur dynamic_emp_type;
4   dynamic_emp_row DYNAMIC_EMP%ROWTYPE;
5   query_ VARCHAR2(200) := 'SELECT * FROM DYNAMIC_EMP WHERE ROWNUM <= 6 ORDER BY SALARY DESC';
6 BEGIN
7   DBMS_OUTPUT.PUT_LINE(RPAD('SECOND_NAME', 10, ' ') || ' ' || RPAD('FIRST_NAME', 10, ' ') || ' ' || RPAD('JOB_ID', 6, ' ') || ' ' || RPAD('SALARY_OLD', 10, ' ') || ' ' || RPAD('SALARY_NEW', 10, ' '));
8   OPEN cur FOR query_;
9   FOR i IN 0..6
10  LOOP
11    FETCH cur INTO dynamic_emp_row;
12    EXECUTE IMMEDIATE 'UPDATE DYNAMIC_EMP SET salary = ' || dynamic_emp_row.salary * 1.15 || ' WHERE employee_id = ' || dynamic_emp_row.employee_id;
13    DBMS_OUTPUT.PUT_LINE(RPAD(dynamic_emp_row.first_name, 10, ' ') || ' ' || RPAD(dynamic_emp_row.last_name, 10, ' ') || ' ' || RPAD(dynamic_emp_row.JOB_ID, 6, ' ') || ' ' || RPAD(dynamic_emp_row.salary, 10, ' '));
14  END LOOP;
15  CLOSE cur;
16 END;
```

Dbms Output

SECOND_NAM	FIRST_NAME	JOB_ID	SALARY_OLD	SALARY_NEW
Steven	King	AD_PRE	24000	27600
Neena	Kochhar	AD_VP	17000	19550
Lex	De Haan	AD_VP	17000	19550
Alexander	Hunold	IT_PRO	9000	10350
Bruce	Ernst	IT_PRO	6000	6900
David	Austin	IT_PRO	4800	5520
David	Austin	IT_PRO	4800	5520