Zad.1.

DECLARE

numer\_max NUMBER;

department\_new departments.department\_name%TYPE:='EDUCATION';

BEGIN

SELECT MAX(department\_id) INTO numer\_max FROM departments;

DBMS\_OUTPUT.put\_line(numer\_max);

INSERT INTO departments

(department\_id, department\_name, manager\_id, location\_id)

VALUES

(numer\_max+10, department\_new, NULL, NULL);

END;

ZAD.2.

UPDATE DEPARTMENTS

SET LOCATION\_ID = 3000

WHERE DEPARTMENT\_ID=new\_number\_max;

ZAD.3.

CREATE TABLE nowa (pole varchar(10));

BEGIN

FOR i IN 1..10

LOOP

IF (NOT (i=4 OR i=6)) THEN INSERT INTO nowa VALUES (i);

END IF;

END LOOP;

END;

ZAD.4.

DECLARE

country\_row COUNTRIES%ROWTYPE;

BEGIN

SELECT COUNTRY\_ID ,COUNTRY\_NAME ,REGION\_ID INTO country\_row

FROM COUNTRIES

WHERE COUNTRY\_ID = 'CA';

DBMS\_OUTPUT.PUT\_LINE(country\_row.country\_name);

DBMS\_OUTPUT.PUT\_LINE(country\_row.country\_id);

END;

ZAD.5.  
DECLARE

TYPE departments\_name IS TABLE OF

DEPARTMENTS.DEPARTMENT\_NAME%TYPE INDEX BY

PLS\_INTEGER;

names departments\_name;

BEGIN

FOR i IN 1..100 LOOP

IF (MOD(i,10)=0)

THEN

SELECT department\_name INTO names(i) FROM DEPARTMENTS

WHERE DEPARTMENT\_ID=i;

DBMS\_OUTPUT.PUT\_LINE(names(i));

END IF;

END LOOP;

END;

ZAD.6.

SELECT DEPARTMENT\_ID ,DEPARTMENT\_NAME ,MANAGER\_ID ,LOCATION\_ID INTO names(i) FROM DEPARTMENTS

WHERE DEPARTMENT\_ID=i;

DBMS\_OUTPUT.PUT\_LINE(names(i).DEPARTMENT\_ID || ' ' || names(i).DEPARTMENT\_NAME || ' ' || names(i).MANAGER\_ID || ' ' || names(i).LOCATION\_ID);

ZAD.7.

DECLARE

emp employees%ROWTYPE;

CURSOR wynagrodzenie IS

SELECT LAST\_NAME, SALARY, DEPARTMENT\_ID

FROM EMPLOYEES

WHERE DEPARTMENT\_ID=50;

FOR emp IN wynagrodzenie LOOP

IF (emp.salary > 3100)

THEN

DBMS\_OUTPUT.PUT\_LINE(emp.last\_name ||' '|| emp.salary ||' nie dawać podwyżki');

ELSE

DBMS\_OUTPUT.PUT\_LINE(emp.last\_name ||' '|| emp.salary ||' dawać podwyżke');

END IF;

END LOOP;

END;

ZAD.8.