6.a

CREATE PROCEDURE add\_type\_of\_game(

p\_type\_id IN TYPE\_OF\_GAME.TYPE\_ID%TYPE,

p\_type\_NAME IN TYPE\_OF\_GAME.TYPE\_NAME%TYPE

)

IS

BEGIN

INSERT INTO TYPE\_OF\_GAME ("TYPE\_ID","TYPE\_NAME")

values (p\_type\_id, p\_type\_NAME);

commit;

END;  
  
-----------------  
BEGIN

ADD\_TYPE\_OF\_GAME(1,'Olimpiada');

END;

CREATE PROCEDURE delete\_type\_of\_game(

p\_type\_id IN TYPE\_OF\_GAME.TYPE\_ID%TYPE

)

IS

BEGIN

DELETE TYPE\_OF\_GAME where TYPE\_ID = p\_type\_id;

commit;

END;

-----------------------  
BEGIN

DELETE\_TYPE\_OF\_GAME(1);

END;

CREATE PROCEDURE update\_type\_of\_game(

p\_type\_id IN TYPE\_OF\_GAME.TYPE\_ID%TYPE,

p\_type\_NAME IN TYPE\_OF\_GAME.TYPE\_NAME%TYPE

)

IS

BEGIN

UPDATE TYPE\_OF\_GAME SET TYPE\_NAME = p\_type\_NAME where TYPE\_ID = p\_type\_id;

commit;

END;

6.F (sprawdzanie poprawnosci)  
create or replace FUNCTION NEUTRAL(NEUT VARCHAR)

RETURN VARCHAR

IS

BEGIN

if NEUT = 'F' THEN

RETURN 1;

ELSIF NEUT = 'T' THEN

RETURN 1;

ELSE

RETURN 0;

END IF;

END;  
-------------------------------  
BEGIN

dbms\_output.put\_line(NEUTRAL('F'));

END;  
------------------------------------------------------------------------

6.d (wyjatki)

declare

data\_exc exception;

game\_date date;

begin

game\_date := '2222-10-10';

if game\_date > CURRENT\_DATE then raise data\_exc;

end if;

exception

when data\_exc then

dbms\_output.put\_line('Wrong data');

end;