Baza de date pentru Netflix

Tema 5

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grupa 232

Cuprins

Contents

[Diagrama conceptuală 3](#_Toc149859821)

[Exercițiul 10 4](#_Toc149859822)

[Cerinta 4](#_Toc149859823)

[Cursor Clasic 4](#_Toc149859824)

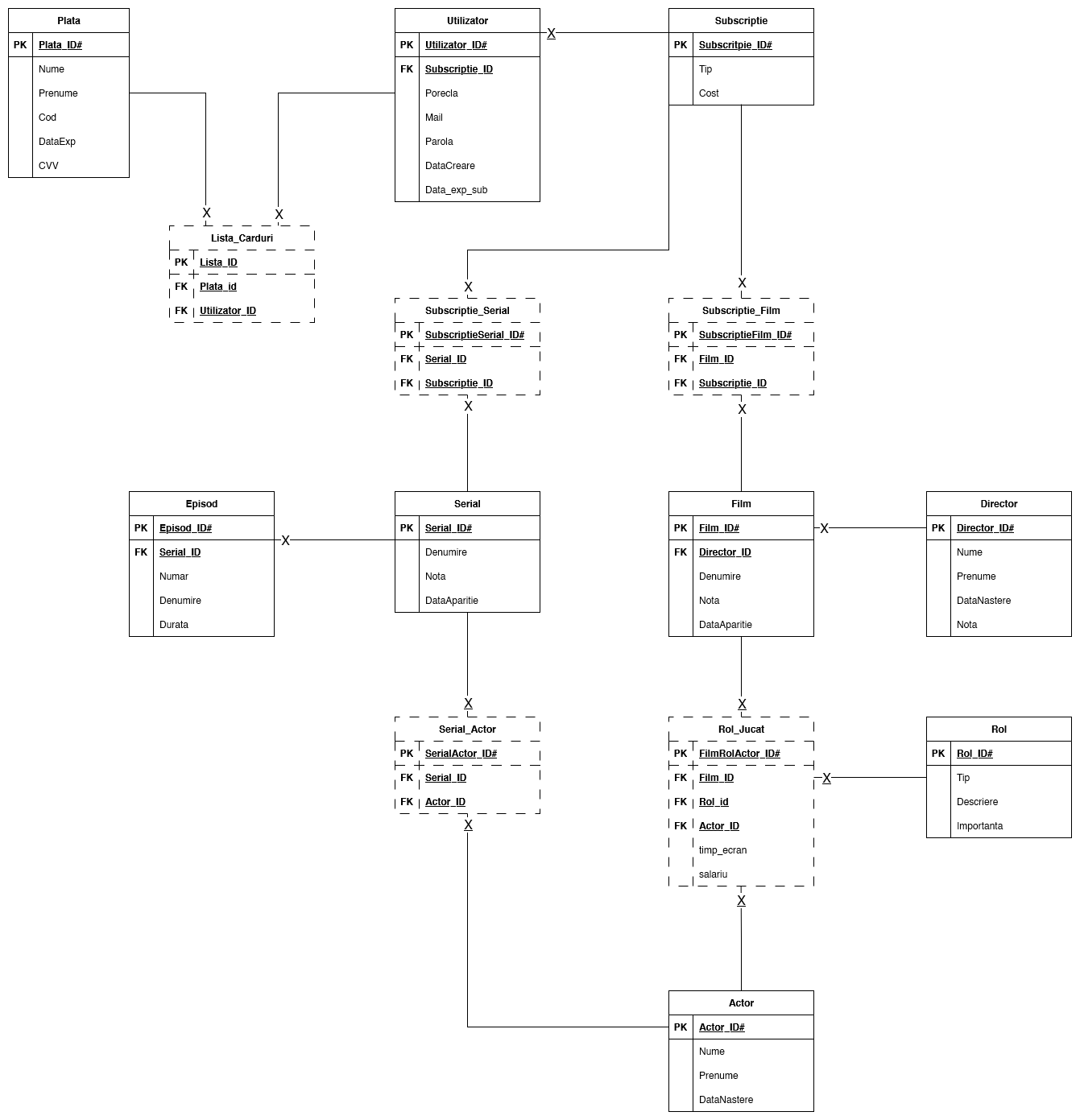
[Ciclu Cursor 5](#_Toc149859825)

[Ciclu Cursor Cu Subcereri 6](#_Toc149859826)

[Expresii Cursor 7](#_Toc149859827)

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# Diagrama conceptuală



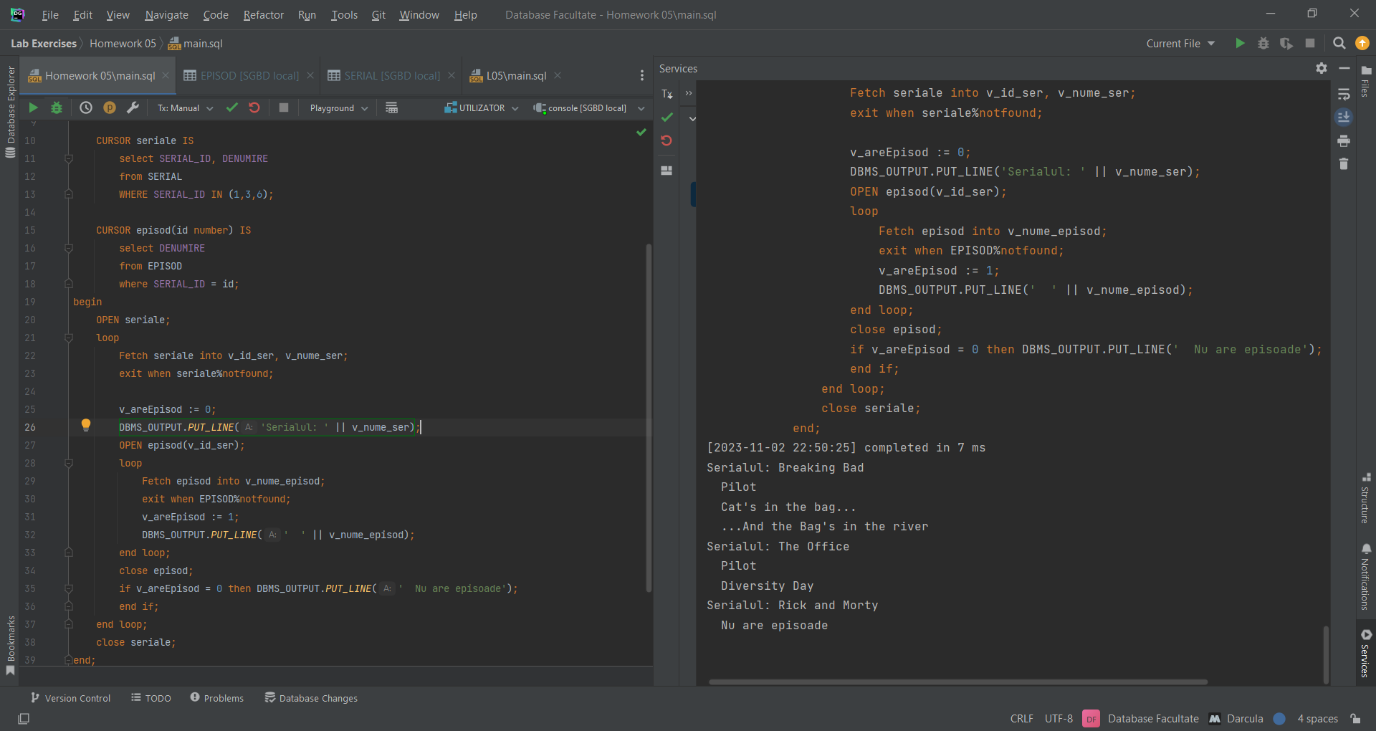
# Exercițiul 10

## Cerinta

Pentru fiecare Serial cu id-ul in lista = (1,3,6) afisati numele tuturor episoadelor ce apartin serialelor respective

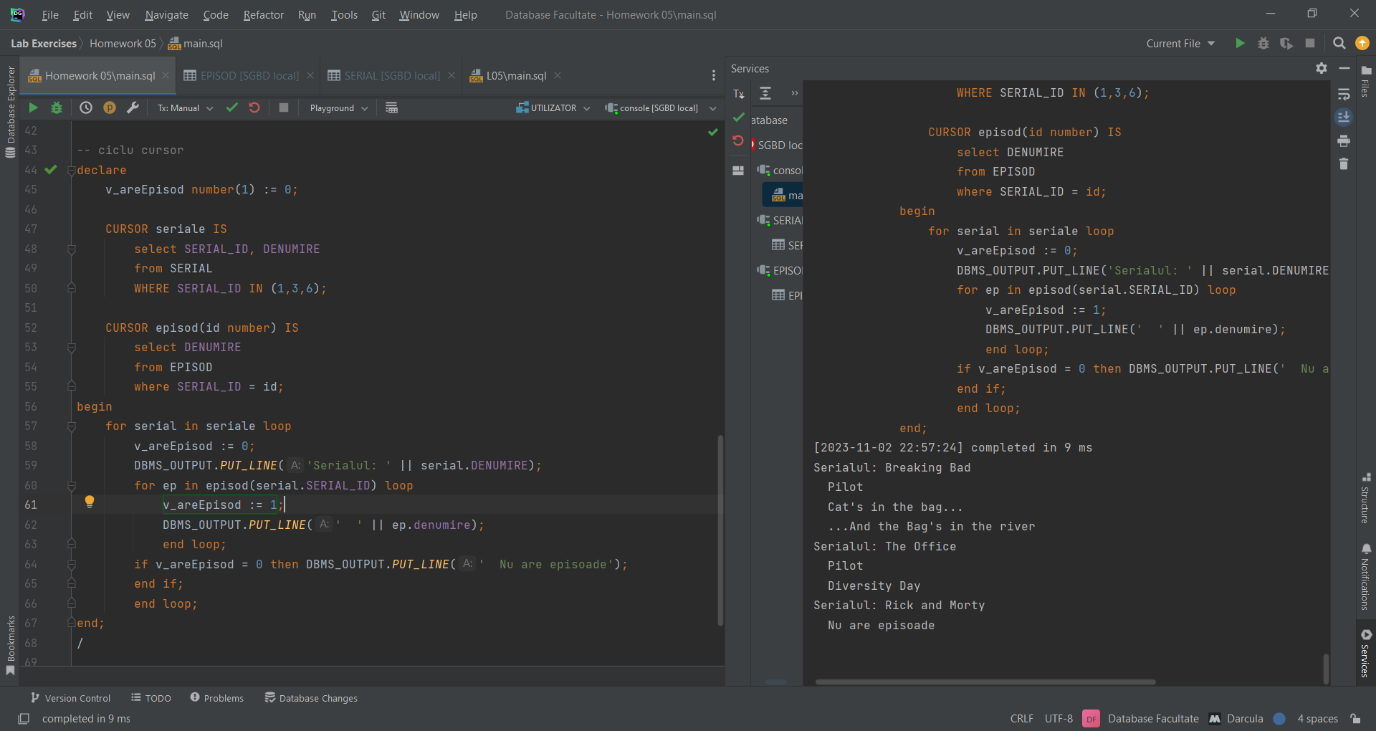
## Cursor Clasic

declare  
 v\_id\_ser SERIAL.serial\_id%type;  
 v\_nume\_ser SERIAL.denumire%type;  
 v\_nume\_episod varchar2(50);  
 v\_areEpisod number(1) := 0;  
  
 CURSOR seriale IS  
 select SERIAL\_ID, DENUMIRE  
 from SERIAL  
 WHERE SERIAL\_ID IN (1,3,6);  
  
 CURSOR episod(id number) IS  
 select DENUMIRE  
 from EPISOD  
 where SERIAL\_ID = id;  
begin  
 OPEN seriale;  
 loop  
 Fetch seriale into v\_id\_ser, v\_nume\_ser;  
 exit when seriale%notfound;  
  
 v\_areEpisod := 0;  
 DBMS\_OUTPUT.*PUT\_LINE*('Serialul: ' || v\_nume\_ser);  
 OPEN episod(v\_id\_ser);  
 loop  
 Fetch episod into v\_nume\_episod;  
 exit when EPISOD%notfound;  
 v\_areEpisod := 1;  
 DBMS\_OUTPUT.*PUT\_LINE*(' ' || v\_nume\_episod);  
 end loop;  
 close episod;  
 if v\_areEpisod = 0 then DBMS\_OUTPUT.*PUT\_LINE*(' Nu are episoade');  
 end if;  
 end loop;  
 close seriale;  
end;  
/



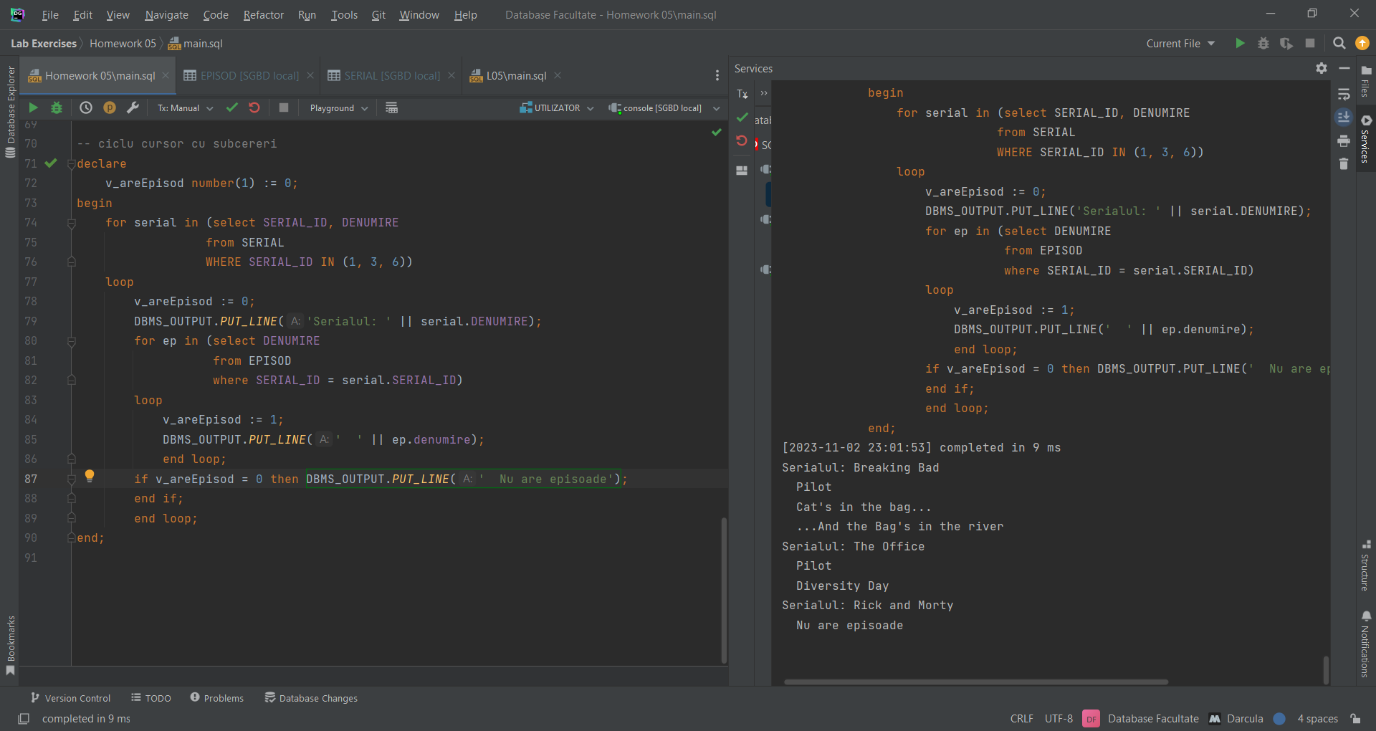
## Ciclu Cursor

declare  
 v\_areEpisod number(1) := 0;  
  
 CURSOR seriale IS  
 select SERIAL\_ID, DENUMIRE  
 from SERIAL  
 WHERE SERIAL\_ID IN (1,3,6);  
  
 CURSOR episod(id number) IS  
 select DENUMIRE  
 from EPISOD  
 where SERIAL\_ID = id;  
begin  
 for serial in seriale loop  
 v\_areEpisod := 0;  
 DBMS\_OUTPUT.*PUT\_LINE*('Serialul: ' || serial.DENUMIRE);  
 for ep in episod(serial.SERIAL\_ID) loop  
 v\_areEpisod := 1;  
 DBMS\_OUTPUT.*PUT\_LINE*(' ' || ep.denumire);  
 end loop;  
 if v\_areEpisod = 0 then DBMS\_OUTPUT.*PUT\_LINE*(' Nu are episoade');  
 end if;  
 end loop;  
end;  
/



## Ciclu Cursor Cu Subcereri

declare  
 v\_areEpisod number(1) := 0;  
begin  
 for serial in (select SERIAL\_ID, DENUMIRE  
 from SERIAL  
 WHERE SERIAL\_ID IN (1, 3, 6))  
 loop  
 v\_areEpisod := 0;  
 DBMS\_OUTPUT.*PUT\_LINE*('Serialul: ' || serial.DENUMIRE);  
 for ep in (select DENUMIRE  
 from EPISOD  
 where SERIAL\_ID = serial.SERIAL\_ID)  
 loop  
 v\_areEpisod := 1;  
 DBMS\_OUTPUT.*PUT\_LINE*(' ' || ep.denumire);  
 end loop;  
 if v\_areEpisod = 0 then DBMS\_OUTPUT.*PUT\_LINE*(' Nu are episoade');  
 end if;  
 end loop;  
end;



## Expresii Cursor

declare  
 TYPE refcursor is REF CURSOR;  
 CURSOR seriale IS  
 select DENUMIRE,  
 CURSOR (select DENUMIRE  
 from EPISOD  
 where SERIAL\_ID = serial.SERIAL\_ID)  
 from SERIAL  
 where SERIAL\_ID in (1,3,6);  
 v\_nume\_serial SERIAL.denumire%type;  
 v\_nume\_ep EPISOD.denumire%type;  
 v\_cursor refcursor;  
 v\_areEpisod number(1) := 0;  
begin  
 open seriale;  
 loop  
 fetch seriale into v\_nume\_serial, v\_cursor;  
 exit when seriale%notfound;  
 v\_areEpisod := 0;  
 DBMS\_OUTPUT.*PUT\_LINE*('Serialul: ' || v\_nume\_serial);  
  
 loop  
 fetch v\_cursor into v\_nume\_ep;  
 exit when v\_cursor%notfound;  
 v\_areEpisod := 1;  
 DBMS\_OUTPUT.*PUT\_LINE*(' ' || v\_nume\_ep);  
 end loop;  
  
 if v\_areEpisod = 0 then DBMS\_OUTPUT.*PUT\_LINE*(' Nu are episoade');  
 end if;  
 end loop;  
end;  
/

