Concepts Avancés de Bases de données

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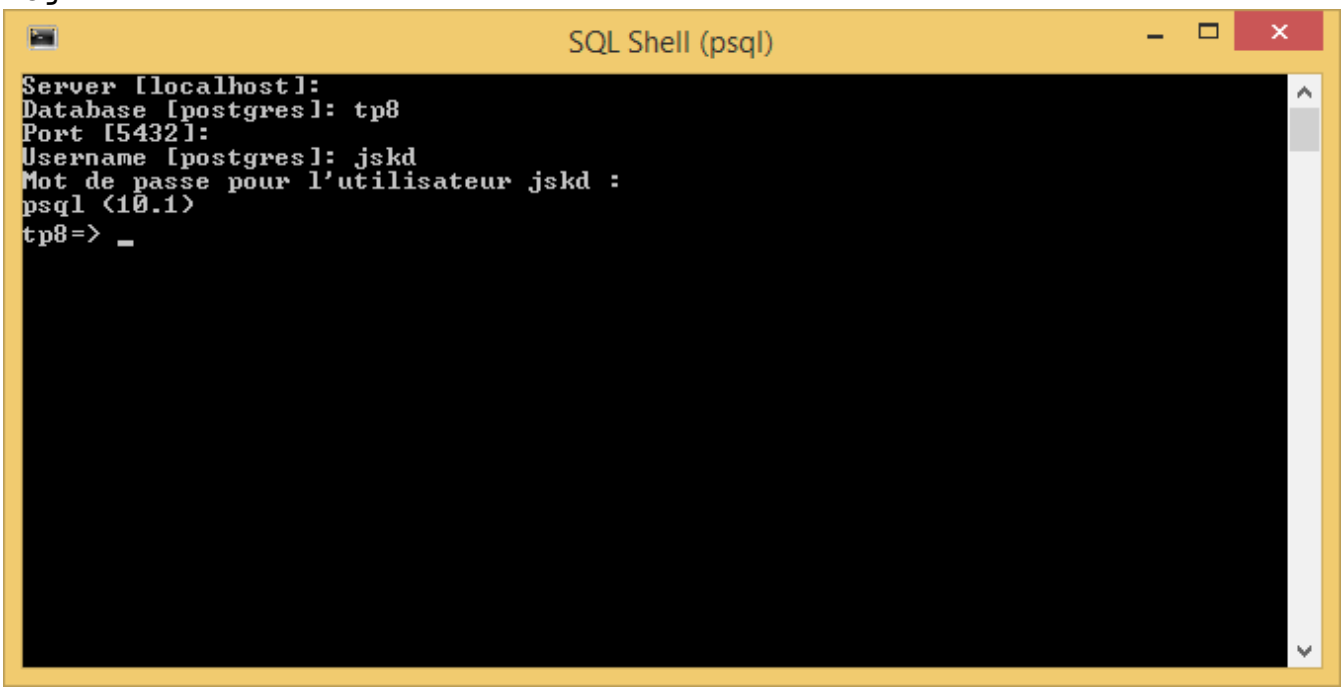
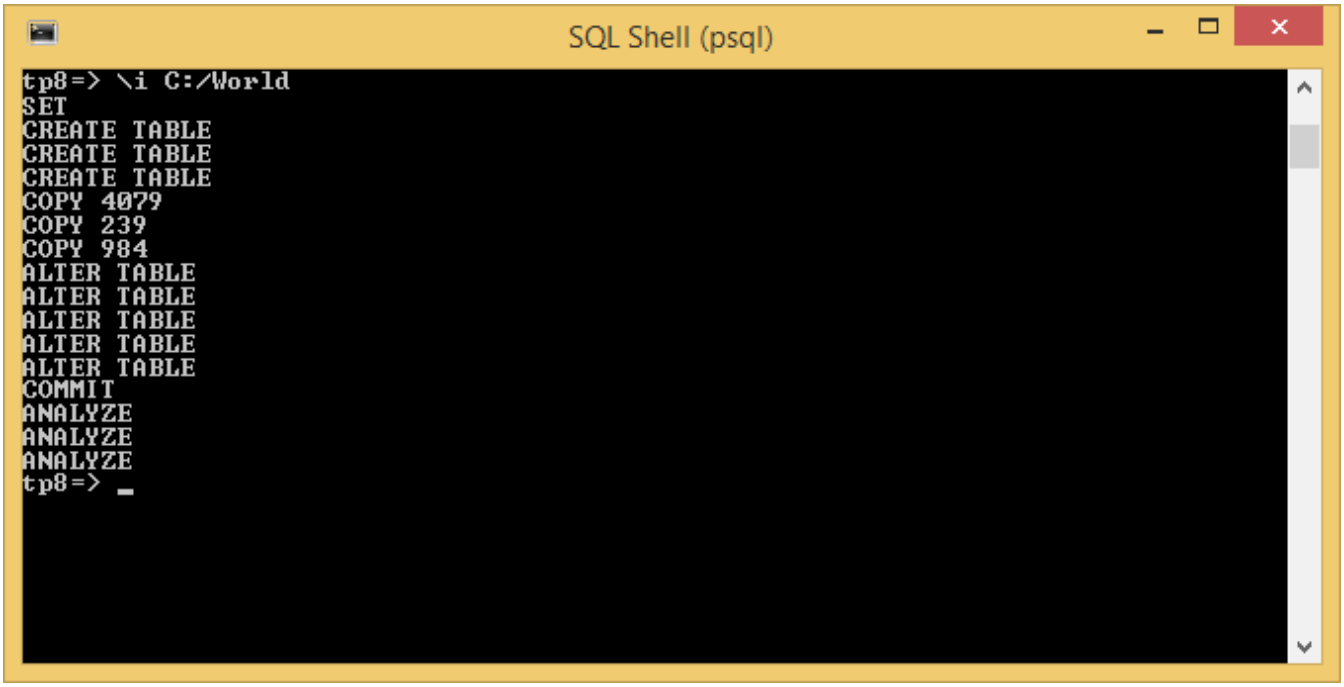
PG admin Explain

A. World.sql

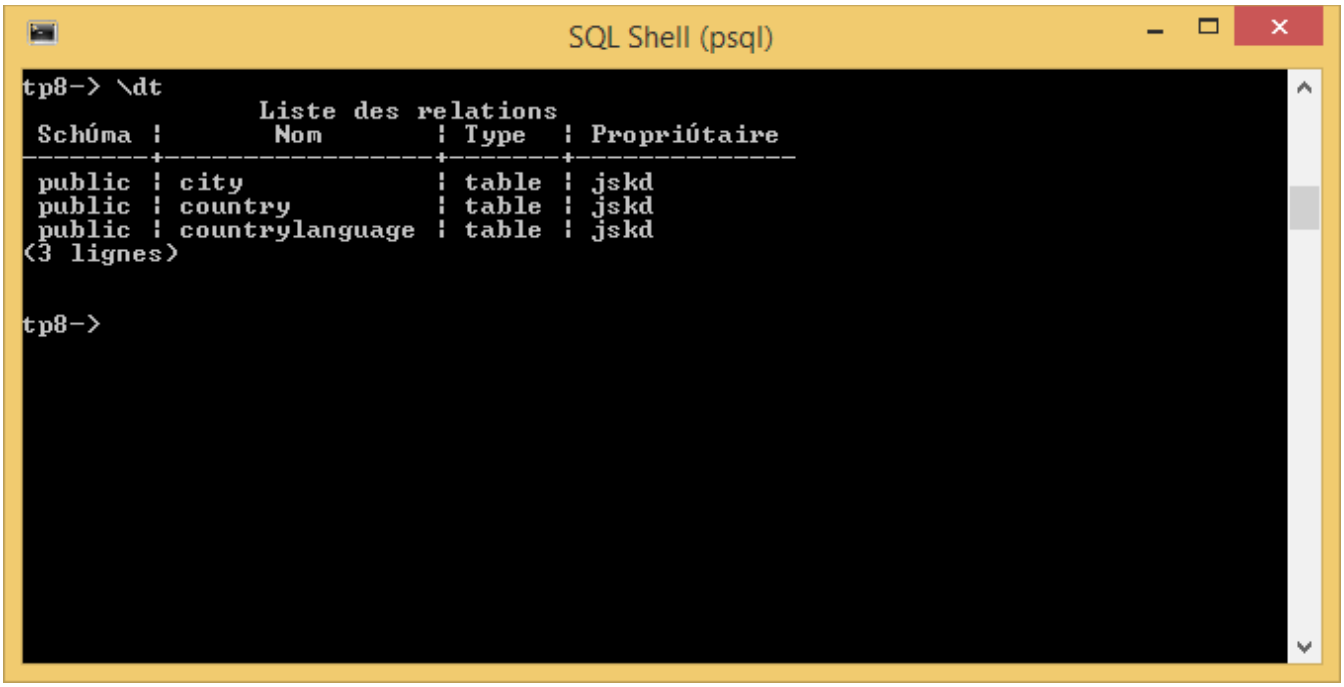
Login



Exéc

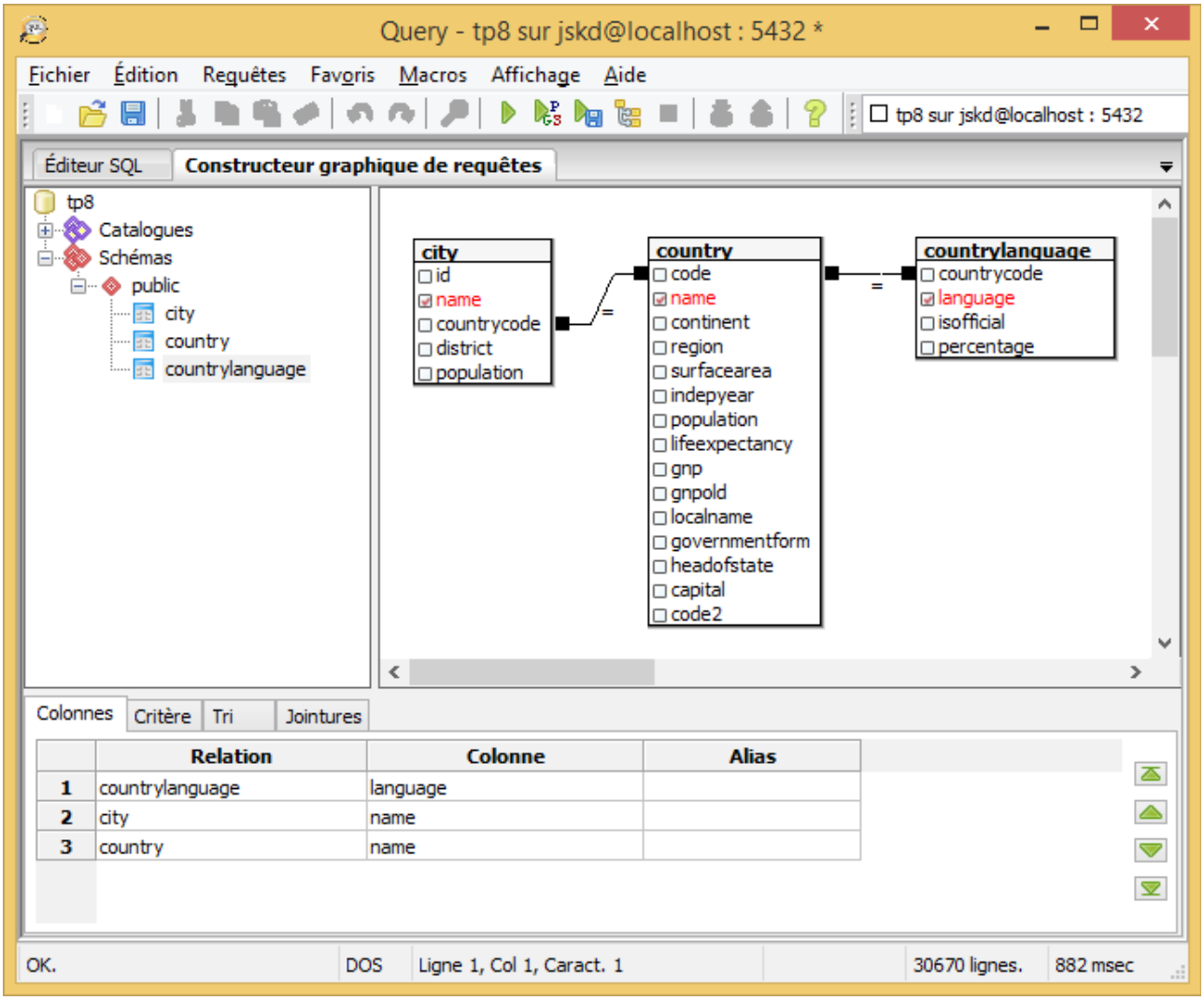


Check


SQL Shell (psql)
tp8-> \dt
Liste des relations
Schúma | Nom | Type | Propriútaire
public | city | table | jskd
public | country | table | jskd
public | countrylanguage | table | jskd
(3 lignes)
tp8->

B. PgAdmin

Réalisez la version graphique de la requête



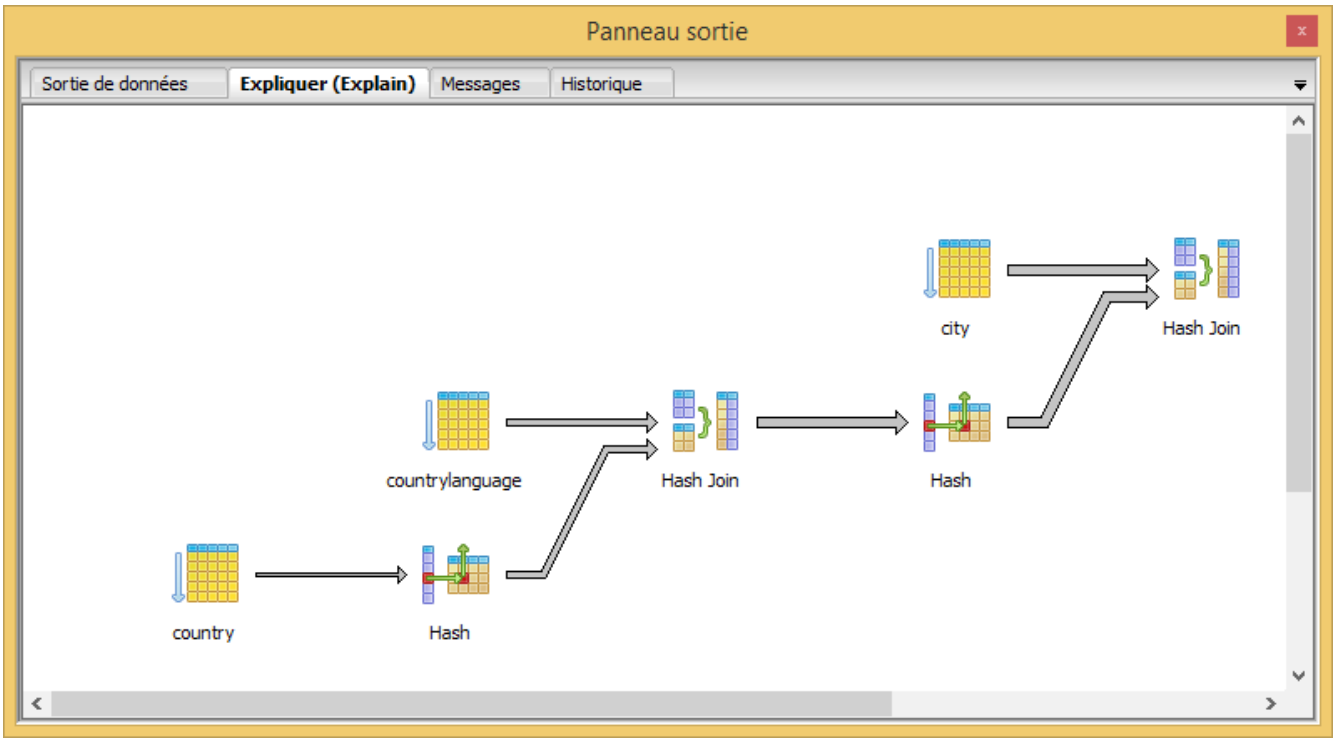
Affichez le résultat de la requête

Panneau sortie

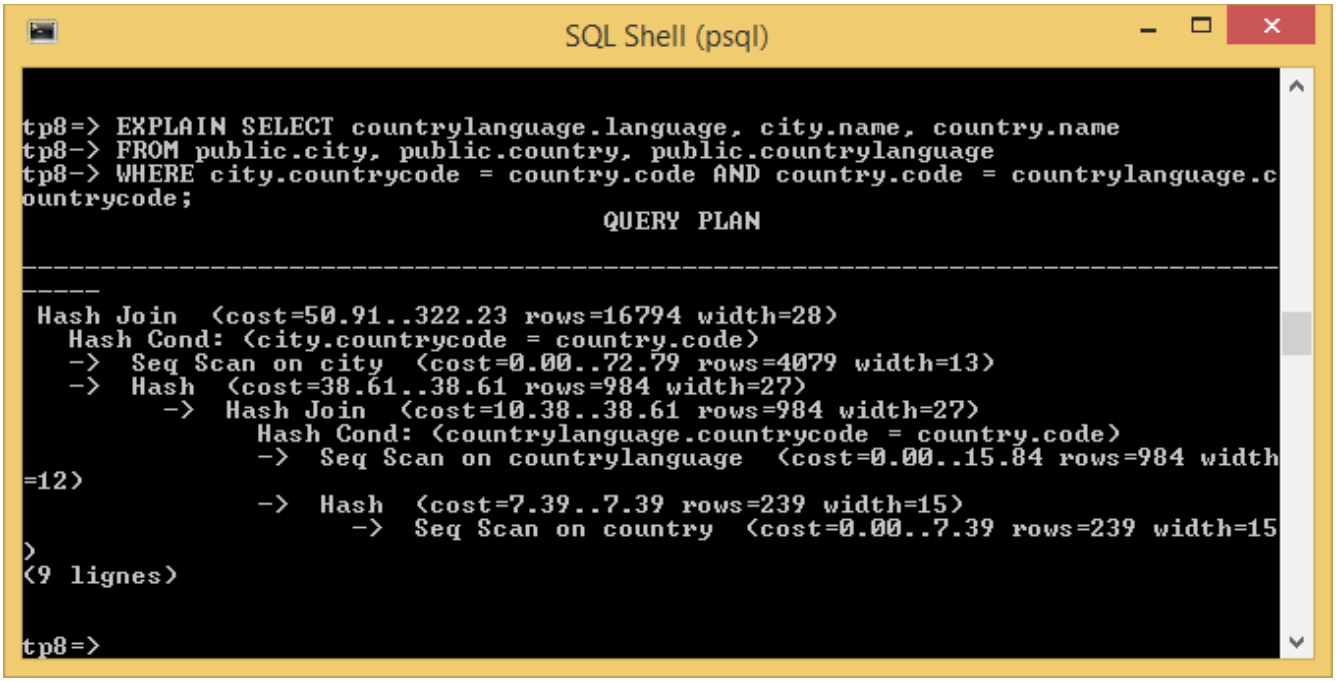
Sortie de données | Expliquer (Explain) | Messages | Historique

	language text	name text	name text
1	Balochi	Kabul	Afghanistan
2	Turkmenian	Kabul	Afghanistan
3	Uzbek	Kabul	Afghanistan
4	Dari	Kabul	Afghanistan
5	Pashto	Kabul	Afghanistan
6	Balochi	Qandahar	Afghanistan
7	Turkmenian	Qandahar	Afghanistan
8	Uzbek	Qandahar	Afghanistan
9	Dari	Qandahar	Afghanistan
10	Pashto	Qandahar	Afghanistan
11	Balochi	Herat	Afghanistan
12	Turkmenian	Herat	Afghanistan
13	Uzbek	Herat	Afghanistan
14	Dari	Herat	Afghanistan
15	Pashto	Herat	Afghanistan
16	Balochi	Mazar-e-Sharif	Afghanistan
17	Turkmenian	Mazar-e-Sharif	Afghanistan
18	Uzbek	Mazar-e-Sharif	Afghanistan
19	Dari	Mazar-e-Sharif	Afghanistan
20	Pashto	Mazar-e-Sharif	Afghanistan
21	Turkish	Amsterdam	Netherlands
22	Arabic	Amsterdam	Netherlands
23	Fries	Amsterdam	Netherlands
24	Dutch	Amsterdam	Netherlands
25	Turkish	Rotterdam	Netherlands
26	Arabic	Rotterdam	Netherlands
27	Fries	Rotterdam	Netherlands
28	Dutch	Rotterdam	Netherlands
29	Turkish	Haag	Netherlands
30	Arabic	Haag	Netherlands
31	Fries	Haag	Netherlands
32	Dutch	Haag	Netherlands
33	Turkish	Utrecht	Netherlands
34	Arabic	Utrecht	Netherlands
35	Fries	Utrecht	Netherlands
36	Dutch	Utrecht	Netherlands
37	Turkish	Eindhoven	Netherlands
38	Arabic	Eindhoven	Netherlands
39	Fries	Eindhoven	Netherlands
40	Dutch	Eindhoven	Netherlands
41	Turkish	Tilburg	Netherlands
42	Arabic	Tilburg	Netherlands
43	Fries	Tilburg	Netherlands
44	Dutch	Tilburg	Netherlands
45	Turkish	Groningen	Netherlands
46	Arabic	Groningen	Netherlands
47	Fries	Groningen	Netherlands
48	Dutch	Groningen	Netherlands

Affichez la version graphique de l'arbre d'exécution de la requête



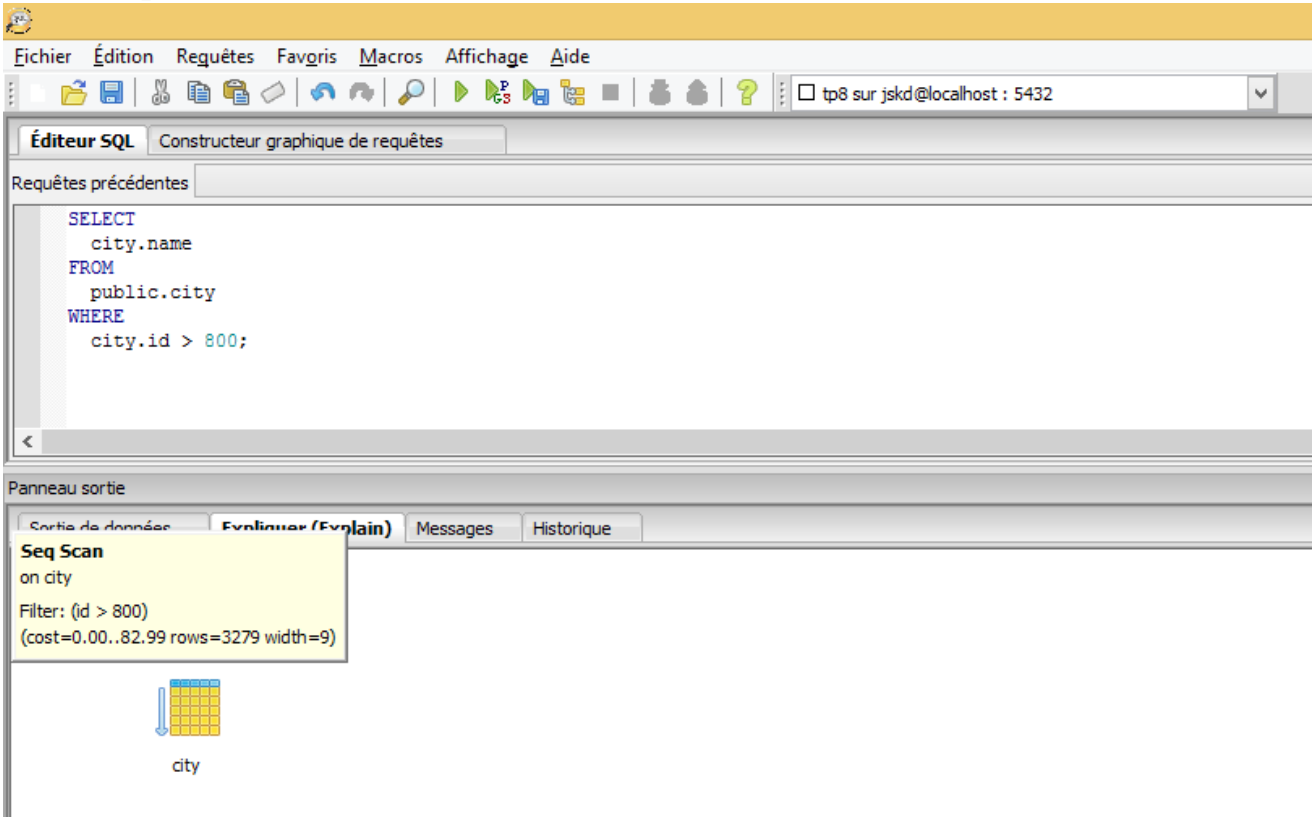
Affichez la version texte du résultat de la requête Explain.



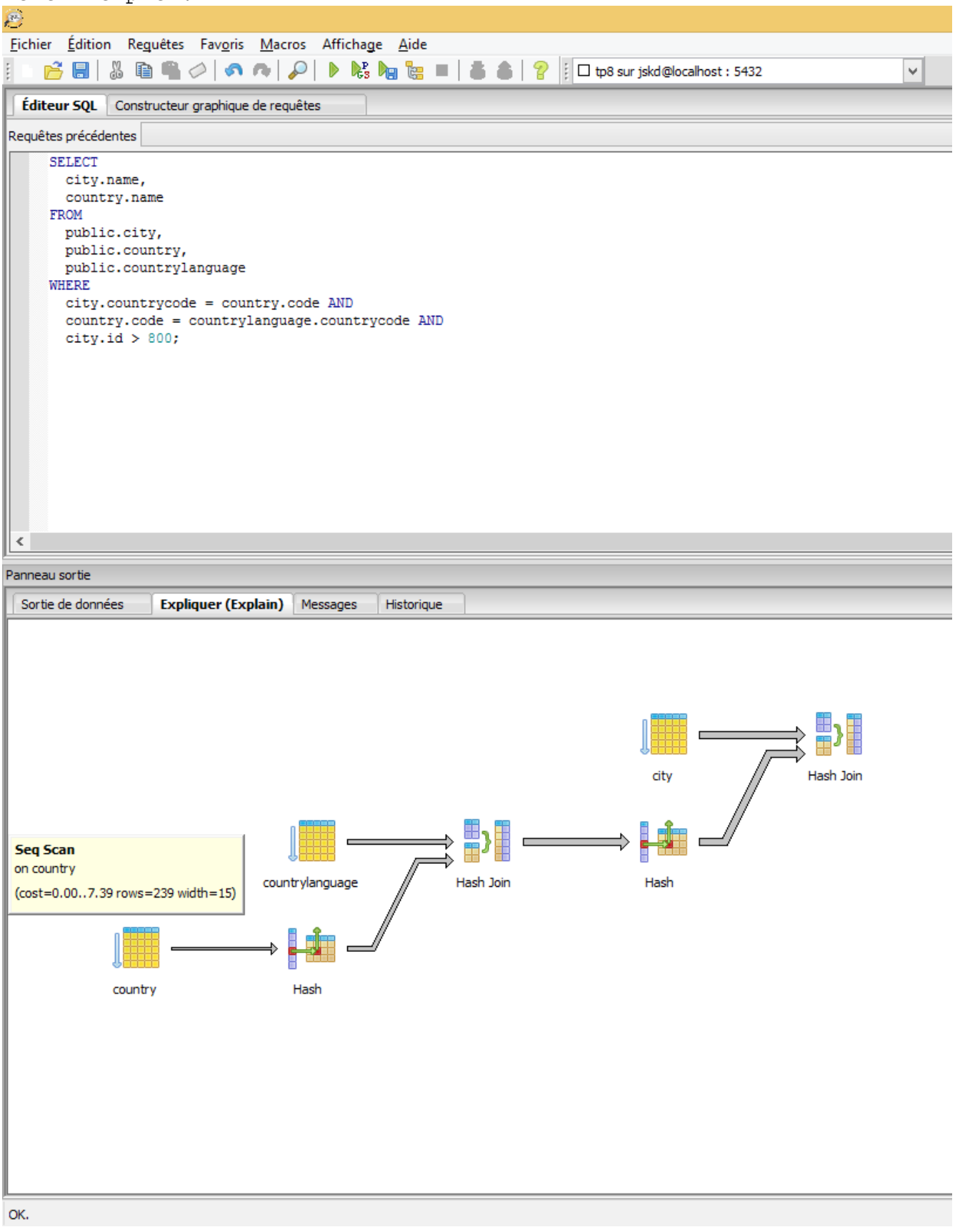
C) Explain Cost

1) requête 1 : plan avec un « seq scan »

1er exemple :

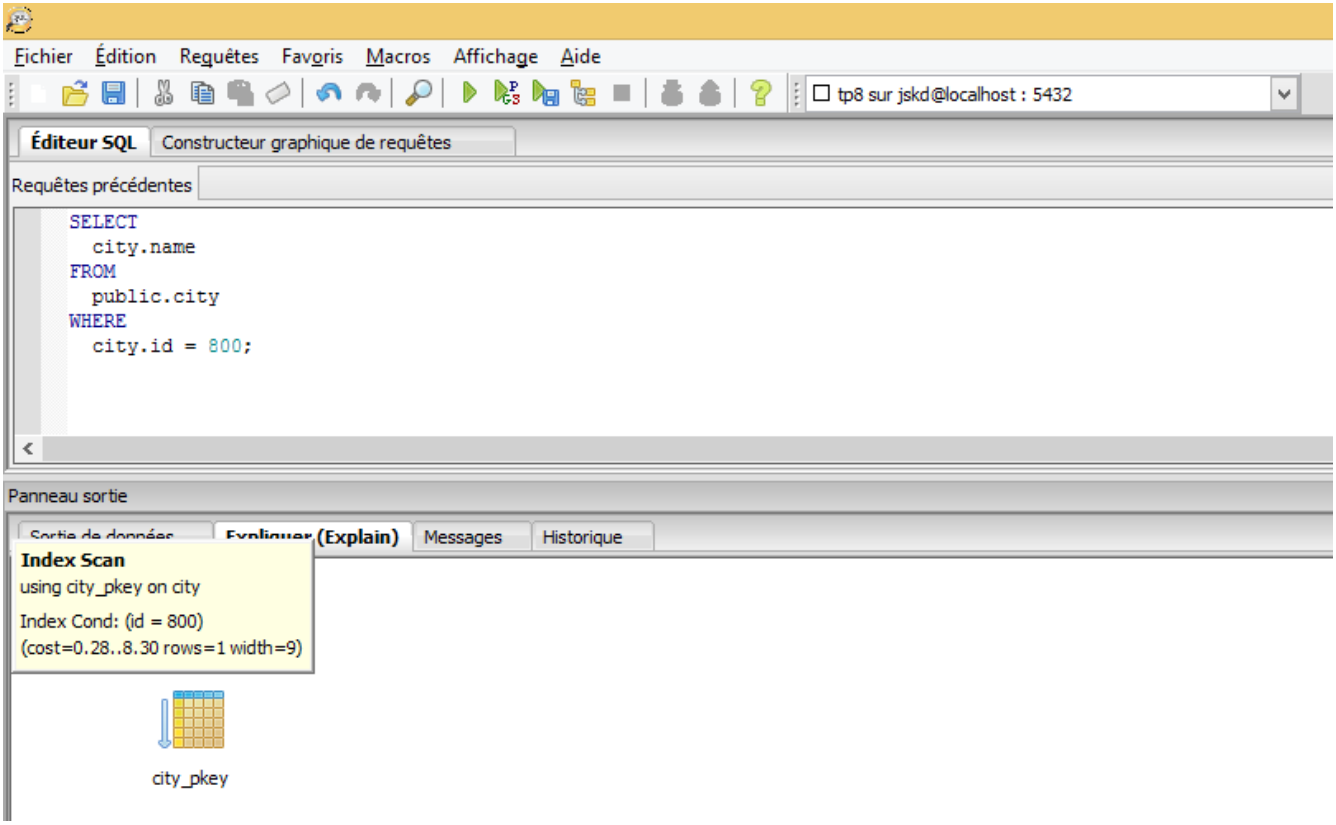


2éme Exemple :



2) requête 2 : plan avec un « index on »

1er exemple :



2éme exemple :