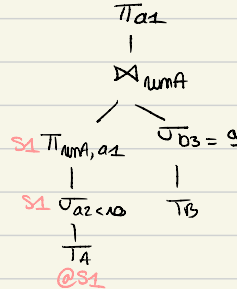


TD8

Exercice 2

1. R1 sur S1 : Select numA, a1
From TA
Where a2 < 10

R2 (numA) = "Select
From TR5
Where b3 = 9
and numA = ?"



for r in R1:

if R2(r.numA) == 'ok':
output(r.a1)

2. R1 sur S1 : "Select numA, a2
From TA"

R2 sur S2 : "Select numB, b3, b4
From TB
Where b4 < 7. "

R3(numB, b3) sur S3 : "Select c5
From TC
where numB = ?
and c5 > ? "

for a2 in R1:

for r2 in R2(a2):

... il a même pas fini le pseudo-code après 20 min à avoir cherché une solution !! (partiellement faisable mais c'est compliqué en fait la vie)

Autre solution :

```
R1 : "Select 'ok'
      from TA
      where a2 = ? "
```

```
R2 : "Select numB, b3, b4
      from TB "
```

```
R3: idem
```

```
for r2 in R2:
```

```
    if r2(r2.b4) != 'ok':
```

```
        for r3 in R3 (re. numB, r2.b3)
```

```
            afficher (r2.b4, r3.c5)
```

3. Solution NON retenue : R1 : "Select numA, a1

from TA

where a2 = 0 "

R2 : "Select b3

from TB

where b4 = 0 and numA = ? "

for r1 in R1 :

for r2 in R2 (r1.numA) :

afficher (r1.numA, r1.a1, r2.b3)

inconvénient : l'application lit tous les tuples r1 (numA, a1)

y compris ceux qui ne sont pas dans le résultat

Response: R1: Select numA
from TA
where a2=0

R2: idiom

R3: Select a1
from TA
where numA=?

for numA in R1:

for r2 in R2 (numA):

afficher (numA, R3(numA), r2.b3)

4. R1 sur S2: "Select b4, numB
from TB
order by b4 "

R2 sur S3: "Select c6, numB
from TC
order by c6

for r1 in R1

while (r1.b4 > r2.c6):

r2.next()

while (r1.b4 == r2.c6):

afficher (...)

r2.next()

indicateur
ou pas? →