π hotel.hname,tourist.name,stay.year,stay.days,stay.cost (σ days<=4 ∧ cost>400 (stay⋈tourist⋈(ρ hname←name,hcountry←country (hotel))))

2)

π hotel_name,city,hotel_country (σ tourist.country='Greece' ∨ tourist.country='England' ((ρ hotel_name←name,hotel_country←country (hotel))⋈stay⋈tourist))

3)

π name (σ year=2004 (participate) ⋈tourist)

4)

σ gender='female' (
(π tcode,tname,tcountry,age,gender ((σ (name='Hilton') (hotel
⋈ stay
⋈ ρ tname←name,tcountry←country (tourist)))))
-(π tcode,tname,tcountry,age,gender ((σ (name='Continental') (hotel ⋈ stay
⋈ ρ tname←name,tcountry←country (tourist)))))
)

5)

π name (σ age>age2 ∧ age>age3 (tourist ⋈ (

ρ
tcode2←tcode,name2←name,country2←country,age2←age,gender2←gender (σ name='Kostas' (tourist))) ⋈
(ρ
tcode3←tcode,name3←name,country3←country,age3←age,gender3←gender (σ name='Maria' (tourist)))))

6)

π name (((σ hcode=hcode2 ∧ tcode!=tcode2 ∧ year=year2 ((stay - (π hcode,tcode,year,days,cost (stay ⋈ σ name='Maria' (tourist)))) × (π hcode2,tcode2,year2,days2,cost2 (ρ hcode2←hcode,tcode2←tcode,year2←year,days2←days,cost2←cost (stay ⋈ σ name='Maria' (tourist))))))) ⋈ tourist)

7)

π name,country,age (tourist-(π tcode (participate) ⋈ tourist))

8)

Υ.Γ τώρα κατάλαβα πως μπορώ να χρησιμοποιήσω μεταβλητές.

A = γ tcode ; count(hcode) ->a (π hcode,tcode (stay))
B = σ a>=3 (A ⋈ tourist)

π tcode,name B

9)

A= γ min(age)-> minAge (tourist)
π tcode,name,country,age,gender (σ age=minAge (A×tourist))

10)

A = tourist⋈participate
B = π name,acode (A)/ π acode activity
π name (B)