#1
π Oscar.year, Oscar.type, Movie.name (
        σ Person.name='Meryl Streep' (
            (
                    ((Oscar) ⋈ Oscar.person_id = Person.id (Person))
                            ⋈ Oscar.movie_id = Movie.id (Movie)
)
)
)

#2
(π Actor.actor_id (Actor)) -
(π Actor.actor_id (
        σ Movie.year ≥ 2010 (
                (Actor) ⋈ Actor.movie_id = Movie.id (Movie)
)
))

#3
π Person.name, Oscar.type, Oscar.year (
  (σ Person.pob LIKE '%Mexico' (Person)) ⋈ Person.id = Oscar.person_id (Oscar)
)

For my own amusement

#5
π Movie.name, Movie.year (σ Movie.name LIKE '%Lady%' (Movie))

#6
σ Person.pob LIKE '%UK' (
  (Person) ⋈ Person.id = Oscar.person_id (Oscar)
)

#7 – how to get MIN in RA?

#8
π Movie.name, Movie.year
(σ Movie.name = 'Good Will Hunting' ∨ Movie.name = 'Mystic River' (Movie))

#....it's late :)