**FINAL EXAM**

**Hien Tu – tun1**

**Question 3**

**Q3.1.**

SELECT name

FROM Person

EXCEPT

SELECT person

FROM FanOf

**Q3.2.**

SELECT Fo.title

FROM Person AS P, FanOf AS Fo

WHERE P.name = Fo.person

GROUP BY Fo.title

HAVING MAX(P.age) – MIN(P.age) >= 60

**Q3.3.**

SELECT Fo.person

FROM FanOf AS Fo

WHERE NOT EXISTS (SELECT F.title

FROM Film AS F

WHERE F.director IN (SELECT Pi.actor

FROM PlaysIn AS Pi

WHERE F.title = Pi.title) AND

NOT EXISTS (SELECT Fo1.person

FROM FanOf AS Fo1

WHERE Fo1.person = Fo.person AND

Fo1.title = F.title))

**Q3.4.**

SELECT X.title, X.nfans, Y.nactors

FROM (SELECT title, COUNT(\*) AS nfans

FROM FanOf

GROUP BY title) AS X,

(SELECT title, COUNT(\*) AS nactors

FROM PlaysIn

GROUP BY title) AS Y

WHERE X.title = Y.title AND X.nfans > Y.nactors