

Bài Tập SQL
PE 1 - CHTK 1 2022 - 2023

1/

SELECT KH.MA_KH, KH.TEN_KH, KH.DIACHI
FROM KHACHHANG AS KH
JOIN TRAGOP AS TG ON KH.MA_KH = TG.MA_KH
WHERE (YEAR(KH.NGAYSINH)) BETWEEN
1980 AND 1985.
AND
TG.NGAY_NUOC = '1/2/2023')

2/

SELECT KH.TEN_KH, KH.DIACHI
WHERE KHACHHANG AS KH
JOIN TRAGOP AS TG ON KH.MA_KH = TG.MA_KH
JOIN CANHO AS CH ON TG.MA_KH = CH.MA_KH
WHERE CH.DIEN_TICH > 80
ORDER BY KH.TEN_KH DESC;

ALADDIN'S

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```
SELECT LCH.MA_LCH, LCH.TEN_LCH,
COUNT(CH.LHOM) AS SLCH
FROM LOAICH AS LCH
LEFT JOIN CANHO AS CH
ON CH.LHOM = LCH.MA_LCH
WHERE
GROUP BY LCH.MA_LCH, LCH.TEN_LCH
```

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```
SELECT KH.MA_KH, KH.TEN_KH
FROM KHACHHANG AS KH
JOIN TRAGOP AS TG ON KH.MA_KH = TG.MA_KH
JOIN CANHO AS CH ON TG.MA_KH = CH.MA_KH
JOIN LOAICH AS LCH ON CH.LHOM = LCH.MA_LCH
WHERE KH.LHOM = 'Cao cấp'
AND KH.MA_KH NOT IN (
    SELECT KH.MA_KH
    FROM KHACHHANG AS KH2
    JOIN TRAGOP AS TG2 ON KH2.MA_KH = TG2.MA_KH
    JOIN CANHO AS CH2 ON TG2.MA_KH = CH2.MA_KH
    WHERE CH2.LHOM = 'duplic' )
```

ALADDIN'S

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```
JOIN LOAICH AS LCH2 ON
LCH2.MA_LCH = LCH.MA_LCH
WHERE LCH2.LHOM = 'Hàng cap'
)
```

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```
SELECT KH.TEN_KH
FROM KHACHHANG AS KH
WHERE NOT EXISTS (
    SELECT *
    FROM LOAICH AS LCH
    WHERE LCH.TEN_LCH = 'penthouse'
    AND
    LCH.LHOM = 'Cap cap'
    AND
    NOT EXISTS (
        SELECT *
        FROM CANHO AS CH
        JOIN TRAGOP AS TG
        ON TG.MA_KH = CH.MA_KH
        WHERE
    )
)
```

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ALADDIN'S

CH.MA_LCH = LCH.MA_LCH
AND
TG.MA_KH = KH.MA_KH
)

PE 2 - CHTK - 2022 - 2023

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SELECT CH.MA_CH, CH.TEN_CH
FROM CANHO AS CH
JOIN LOAICH AS LCH ON CH.LHOM = LCH.MA_LCH
WHERE LCH.TEN_LCH = 'Shop house'
AND
CH.GIA BETWEEN 1500000 AND
2000000

SELECT CH.TEN_CH, CH.MA_LCH
FROM CANHO AS CH
JOIN TRAGOP AS TG ON CH.MA_CH = TG.MA_CH
WHERE TG.KY_HAN > 120
ORDER BY DESCRIBE TG.KY_HAN DESC

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```
SELECT HT.MAHT, HT.TENHT, COUNT(G.HAC)
FROM HUONGHUCAT AS HT
AS HT
LEFT JOIN TRAGOP AS TG ON HT.MAHT = TG.MAHT
GROUP BY HT.MAHT, HT.TENHT.
```

2/

```
SELECT KH.MA_KH, KH.TEN_KH
FROM KHACHHANG AS KH
JOIN TRAGOP AS TG ON KH.MA_KH = TG.MA_KH
JOIN CANHO AS CH ON TG.MA_KH = CH.MA_KH
JOIN LOAICH AS LCH ON CH.LHOM = LCH.MA_LCH
WHERE KH.LHOM = 'penthouse'
AND EXISTS (
    SELECT *
    FROM CANHO AS CH2
    JOIN LOAICH AS LCH2
    ON CH2.MA_LCH = LCH2.MA_LCH
    WHERE KH.LHOM = 'duplic'
    AND CH2.MA_CH = CH.MA_CH
)
```

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```
SELECT KH.TEN_KH
FROM KHACHHANG AS KH
WHERE NOT EXISTS (
    SELECT *
    FROM LOAICH AS LCH
    WHERE LCH.TEN_LCH = 'duplic' AND
    LCH.LHOM = 'Cap cap' AND
    NOT EXISTS (
        SELECT *
        FROM CANHO AS CH
        JOIN TRAGOP AS TG
        ON TG.MA_KH = CH.MA_KH
        WHERE CH.MA_KH = KH.MA_KH
        AND
        TG.MA_KH = KH.MA_KH
    )
)
```

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