# HK1 2021-2022

## --Mức 1:

read (terminal, $DiaChi);

SELECT COUNT (DISTINCT PT.MaTC) into $SLTC

FROM TROCHOI TC, PHTC PT, NHAPHATHANH NPH

WHERE TC. MaTC = PT.MaTC AND TC. MaNPH = NPH.MaNPH

AND PT.ThoiHan = 60 AND NPH.DiaChi = $DiaChi;

IF #FOUND THEN write(terminal, $SLTC);

ELSE write (terminal, 'Not Found');

## --Mức 2:

read(terminal, $DiaChi);

SELECT COUNT (DISTINCT PT.MaTC) into $SLTC

FROM TROCHOI1 TC, PHTC1B PT, NPH1 NPH

WHERE TC. MaTC = PT.MaTC AND TC.MaNPH = NPH.MaNPH

AND PT.ThoiHan = 60 AND NPH.DiaChi = $DiaChi;

IF #FOUND THEN write (terminal, $SLTC);

ELSE

BEGIN

SELECT COUNT (DISTINCT PT.MaTC) into $SLTC

FROM TROCHOI2 TC, PHTC2 PT, NPH2 NPH

WHERE TC.MaTC = PT.MaTC AND TC.MaNPH = NPH.MaNPH

AND PT.ThoiHan = 60 AND NPH.DiaChi = $DiaChi;

IF #FOUND THEN write (terminal, $SLTC);

ELSE

BEGIN

SELECT COUNT (DISTINCT PT.MaTC) into $SLTC

FROM TROCHOI3 TC, PHTC3B PT, NPH3 NPH

WHERE TC.MaTC = PT.MaTC AND TC.MaNPH = NPH.MaNPH

AND PT.ThoiHan = 60 AND NPH.DiaChi = $DiaChi;

IF #FOUND THEN write (terminal, $SLTC);

ELSE write (terminal, 'Not Found');

END

END

## --Mức 1:

read(terminal, $ROM);

UPDATE PHTC

SET ThoiHan = 24

FROM NENTANG NT

WHERE NT.MaNT = PHTC MaNT

AND ROM < $ROM;

## --Mức 3:

read(terminal, $ROM);

UPDATE PHTC1B at site HN

SET ThoiHan = 24

FROM NENTANG NT at site HN

WHERE NT.MaNT = PHTC1B.MaNT

AND ROM < $ROM;

UPDATE PHTC2 at site DN

SET ThoiHan = 24

FROM NENTANG NT at site DN

WHERE NT.MaNT PHTC2.MaNT

AND ROM < $ROM;

UPDATE PHTC3B at site HCM

SET ThoiHan = 24

FROM NENTANG NT at site HCM

WHERE NT.MaNT = PHTC3B.MaNT

AND ROM < $ROM;

# HK1 2017-2018

## --Mức 1:

read(terminal, $NgheNghiep);

SELECT KH.MaKH, TenKH, TK.SoTien into T($MaKH, $TenKH, $SoTien)

FROM KHACHHANG KH, TKKH TK

WHERE KH.MaKH = TK.MaKH

and KH.NgheNghiep = $NgheNghiep

IF #FOUND THEN write(terminal, $NgheNghiep);

ELSE write (terminal, 'Not Found');

## --Mức 3:

read(terminal, $NgheNghiep);

SELECT KH.MaKH, TenKH, TK.SoTien into T($MaKH, $TenKH, $SoTien)

FROM KHACHHANG1B KH at site HCM, TKKH1 TK at site HCM

WHERE KH.MaKH = TK.MaKH

and KH.NgheNghiep = $NgheNghiep

IF #FOUND THEN write(terminal, $ NgheNghiep);

read(terminal, $NgheNghiep);

SELECT KH.MaKH, TenKH, TK.SoTien into T($MaKH, $TenKH, $SoTien)

FROM KHACHHANG2 KH at site HUE, TKKH2 TK at site HUE

WHERE KH.MaKH = TK.MaKH

and KH.NgheNghiep = $NgheNghiep

IF #FOUND THEN write(terminal, $ NgheNghiep);

read(terminal, $NgheNghiep);

SELECT KH.MaKH, TenKH, TK.SoTien into T($MaKH, $TenKH, $SoTien)

FROM KHACHHANG3A KH at site HN, TKKH3 TK at site HN

WHERE KH.MaKH = TK.MaKH

and KH.NgheNghiep = $NgheNghiep

IF #FOUND THEN write(terminal, $ NgheNghiep);

ELSE write (terminal, 'Not Found');

# HK2 2020-2021

## --Mức 1:

read(terminal, $MaTuyen);

SELECT BC.MaBC, TenBC, CNKT into T($MaBC, $TenBC, $ CNKT)

FROM BENCANG BC, CANGBIEN CB, VUNGMIEN VM

WHERE BC.MABC = CB.MABC and CB.MAVM = VM.MAVM

and TENVM = $ TenVM

IF #FOUND THEN write(terminal, $ TenVM);

ELSE write (terminal, 'Not Found');

## --Mức 3:

read(terminal, $TenVM);

SELECT BC.MaBC, TenBC, CNKT into T($MaBC, $TenBC, $ CNKT)

FROM BENCANG1 BC at site MB, CANGBIEN1 CB at site MB, VUNGMIEN1 VM at site MB

WHERE BC.MABC = CB.MABC and CB.MAVM = VM.MAVM

and TENVM = $ TenVM

IF #FOUND THEN write(terminal, $ TenVM);

read(terminal, $TenVM);

SELECT BC.MaBC, TenBC, CNKT into T($MaBC, $TenBC, $ CNKT)

FROM BENCANG2A BC at site MT, BENCANG2B BC at site MT, CANGBIEN2 CB at site MT, VUNGMIEN2 MT at site MT

WHERE BC.MABC = CB.MABC and CB.MAVM = VM.MAVM

and TENVM = $ TenVM

IF #FOUND THEN write(terminal, $ TenVM);

read(terminal, $TenVM);

SELECT BC.MaBC, TenBC, CNKT into T($MaBC, $TenBC, $ CNKT)

FROM BENCANG3A BC at site MN, BENCANG3B BC at site MN, CANGBIEN3 CB at site MN, VUNGMIEN3 MT at site MN

WHERE BC.MABC = CB.MABC and CB.MAVM = VM.MAVM

and TENVM = $ TenVM

IF #FOUND THEN write(terminal, $ TenVM);

ELSE write (terminal, 'Not Found');

# HK1 2019-2020

Câu b

## --Mức 1:

read(terminal, $MaTuyen);

UPDATE TUYEN T

SET GVMin = GVMin \* 1.05

WHERE T.MaBX = ( SELECT BX.MaBX

FROM BENXE BX

WHERE DiaChi = “Kien Giang”)

and T.MaTuyen = $MaTuyen;

## --Mức 3:

read(terminal, $MaTuyen);

UPDATE TUYEN3 at site KienGiang

SET GVMin = GVMin \* 1.05

WHERE MaTuyen = $MaTuyen;

# HK1 2022-2023

Câu b

## --Mức 1:

+Cách 1:

read(terminal, $MaLC);

UPDATE LICHCHIEU

SET SucChua = SucChua -20

WHERE MaRP in ( SELECT MaRP

FROM RAPPHIM

WHERE DiaChi = “Binh Duong”

and MaLC = $MaLC);

+Cách 2:

read(terminal, $MaLC);

UPDATE LICHCHIEU LC

SET SucChua = SucChua - 20

FROM RAPPHIM RP

WHERE LC.MaRP = RP.MaRP

and RP.DiaChi = “Binh Duong”

and MaLC = $MaLC;

## --Mức 3:

read(terminal, $MaLC);

UPDATE LICHCHIEU2 at site BinhDuong

SET SucChua = SucChua - 20

WHERE MaLC = $MaLC;

SELECT TS.SBD, TS.HoTenTS, TS.SoPT

FROM THISINH TS, MONTHI MT, KETQUA KQ, PHONGTHI PT, TRUONGTHI TT

WHERE TS.SBD = KQ.SBD

and MT.MaMT = KQ.MaMT

and TS.SoPT = PT.SoPT

and TT.MaTT = PT.MaTT

and KQ.VangThi = 1

and MT.TenMT = “Toan”

and TT.TenTT = “THPT Phuoc Long”

SELECT TS.SoBD, TS.HoTenTS, TS.SoPT

FROM THISINH TS, MONTHI MT, KETQUA KQ, PHONGTHI PT, TRUONGTHI TT

WHERE TS.SBD = KQ.SBD

and MT.MaMT = KQ.MaMT

and TS.SoPT = PT.SoPT

and TT.MaTT = PT.MaTT

and KQ.VangThi = 1

and MT.TenMT = “Toan”

and TT.TenTT = “THPT Phuoc Long”