

BIVNG ĐT - 2022-2023

DNNK (MADN, TENDN, NGAYTL, DIACHI,  
SDT, LOAIDN)

LOAIXANG (MALX, TENLX, MDOB)

XANGDAU (MADX, TENXD, MADN, MALX,  
GIACOSO, THUEPHI)

CUAHANG (MACH, TENCHI, BACCL, RONGDA,  
CAOTB, CAOME)

NHAP (MACH, MADX, NGAYNHAP, SOLUONG)  
GIANGHAP)

i) Viết SQL câu truy vấn =  $\exists S \& H$ :

a). ALTER TABLE CUAHANG  
ADD CONSTRAINT Chieu\_Cao\_NC  
CHECK (CAOMC >= 1.75);

b). UPDATE SANPHAM

SET GIACOSO = GIACOSO \* 0.9

WHERE TENXD = 'Xang thuong clu E5';

c). DELETE FROM DNNK

WHERE MADN = 'DN002' AND  
LOAIDN = 'Nhà nước';

1

ALADDIN  
Đông hành với những khát vọng

2) Viết câu câu truy vấn =  $\exists S \& H$ :

a).  $R \leftarrow \sigma_{\text{MONTH}(\text{NGAYNHAP}) = 10 \text{ AND } \text{SOLUONG} \geq 1000} (\text{NHAP})$

$\Pi_{\text{MACH}, \text{MAXD}} (R)$

b).  $R \leftarrow \sigma_{\text{THUEPHI} > 1 \text{ AND } \text{TENXD} = 'Xang thuong clu E5'} (\text{LOAIXANG})$

$R_2 \leftarrow R_1 \bowtie \text{DNNK}$

$\Pi_{\text{MADN}, \text{TENDN}} (R_2)$

c).  $R_1 \leftarrow \sigma_{\text{MDOB} = 'V'} (\text{LOAIXANG})$

$R_2 \bowtie \Pi_{\text{MALX}, \text{TENLX}, \text{TENXD}} (R_1 \bowtie \text{XANGDAU})$

d).  $R_1 \leftarrow \sigma_{\text{NGAYNHAP} = '09/10/2022' \text{ AND } \text{TENXD} = 'Xang thuong clu E5'} (\text{NHAP} \bowtie \text{XANGDAU})$

$R_2 \leftarrow \Pi_{\text{MACH}} (\text{CUAHANG}) - \Pi_{\text{MACH}} (R_1)$

$\Pi_{\text{MACH}, \text{TENCHI}} (R_2)$

2

ALADDIN  
Đông hành với những khát vọng

e).  $R_1 \leftarrow \sigma_{\text{YEAR}(\text{NGAYNHAP}) = 2022} (\text{NHAP})$

$R_2 \leftarrow \text{MACH} \text{ J Count} (\text{AS SO_LAN_NHAP}) (R_1)$

$\Pi_{\text{MACH}, \text{TENCHI}, \text{SO_LAN_NHAP}} (R_2)$

f).  $R_1 \leftarrow \sigma_{\text{YEAR}(\text{NGAYTL}) = 1990} (\text{DNNK})$

$R_2 \leftarrow \Pi_{\text{MADN}, \text{TENDN}, \text{MAXD}} (R_1 \bowtie \text{XANGDAU})$

$R_3 \leftarrow \Pi_{\text{MAXD}} (\text{XANGDAU})$

$R_4 \leftarrow R_2 \div R_3$

Vậy số lượng

3

ALADDIN  
Đông hành với những khát vọng