

Ques ①

creation of table

create table Product (

Prod\_name VARCHAR(50) UNIQUE,  
Prod\_no VARCHAR(10) Primary key,  
Prod\_price INT,  
Prod\_quantity INT);

insertion of data

insert into Product (Prod\_name, Prod\_no, Prod\_price, Prod\_quantity)  
values ('Keyboard', 'P101', 105, 1000),  
( 'Mouse', 'P102', 130, 2000),  
( 'Speaker', 'P103', 2000, 2000),  
( 'Monitor', 'P104', 3400, 2000),  
( 'Hard disk', 'P105', 5000, 3000);

a) alter table Product drop constraint Product\_pkey;

alter table Product add primary key (Prod\_name, Prod\_no);

b) select sum(~~Prod~~ Prod\_price \* Prod\_quantity) as Total Investment  
from Product;

c) select

(select Prod\_price from Product where Prod\_name = 'Hard Disk')  
- (select Prod\_price from Product where Prod\_name = 'Speaker')  
as Price Difference;

d) alter table Product add column Prod\_Customer VARCHAR(50);

update product set Prod\_Customer = 'John' where Prod\_name = 'Keyboard';

update product set Prod\_Customer = 'Ram' where Prod\_name = 'Mouse';

update product set Prod\_Customer = 'RDT' where Prod\_name = 'Speaker';

update Product set Prod\_Customer = 'Jimmy' where Prod\_name = 'Monitor';

update Product set Prod\_Customer = 'Ram' where Prod\_name = 'Hard Disk';

e) Alter table Product Add Foreign Key (Prod\_no) references  
values (Prod\_id);