

# C2- S2-PRACTICE-MANAGING TABLES

NOTE: check your **THEORY slides** to answer those questions!

## EXERCISE 1

**Q1)** write a statement to create a database named “school”

**Q2)** write a statement to drop a database named “school”

## EXERCISE 2 – Stock database

**Q1)** Write a statement to create a database called “stock”.

**Q2)** Write a statement to check if the database “stock” is stored in your MySQL server.

**Q3)** Write a statement to tell MySQL that you are now working on the database named “stock”.

**Q4)** Write a statement to create a table called “category” that has the following structure and check that it has the same structure with the statement:

**DESCRIBE category;**

or

**DESC category;**

Field	Type	Null	Key	Default	Extra
catid	int	NO	PK	NULL	
catname	varchar(50)	NO		NULL	
description	varchar(220)	YES		NULL	
mastercatid	int	YES		NULL	

**Q5)** Write a statement to create a table called “supplier” that has the following structure:

Field	Type	Null	Key	Default	Extra
supplierid	int	NO	PK	NULL	
suppliername	varchar(40)	NO		NULL	
phone	varchar(12)	YES		NULL	
email	varchar(40)	YES		NULL	
logo	longblob	YES		NULL	
isdeleted	int	YES		0	

**Q6)** Write a statement to create a table called “masterproductlist” that has the following structure:

Field	Type	Null	Key	Default	Extra
productid	int	NO	PK	NULL	
productname	varchar(120)	NO		NULL	
barcode	varchar(40)	YES		NULL	
model	varchar(40)	YES		NULL	
size	varchar(40)	YES		NULL	
unitfactor	varchar(30)	YES		NULL	
catid	int	YES		NULL	
storeid	int	YES		NULL	
isdelete	int	NO		0	
description	varchar(220)	YES		NULL	

**Q7)** Write a statement to create a table called “store” that has the following structure:

Field	Type	Null	Key	Default	Extra
storeid	int	NO	PK	NULL	
storename	varchar(40)	NO		NULL	
description	varchar(220)	YES		NULL	
locationid	int	YES		NULL	
managerid	int	YES		NULL	
isdeleted	int	NO		0	

*Check slides*

**Q8)** Write a statement to create a table called “location” that has the following structures: *put the structure*

### Check slides

Field	Type	Null	Key	Default	Extra
locationid	int	NO	PK	NULL	
locationname	varchar(50)	NO		NULL	
description	varchar(200)	YES		NULL	
managerid	varchar(20)	YES		NULL	

**Q9)** Write a statement to add a new column called “isdeleted” to be type of integer after column “mastercatid” in table “category” by setting the default value to 0.

### Check slides

Field	Type	Null	Key	Default	Extra
catid	int	NO	PK	NULL	
catname	varchar(50)	NO		NULL	
description	varchar(220)	YES		NULL	
mastercatid	int	YES		NULL	
isdeleted	int	YES		0	

**Q10)** Write a statement to remove a column called “managerid” from table “location”.

### Check slides

Field	Type	Null	Key	Default	Extra
locationid	int	NO	PK	NULL	
locationname	varchar(50)	NO		NULL	
description	varchar(200)	YES		NULL	
<del>managerid</del>	<del>varchar(20)</del>	<del>YES</del>		<del>NULL</del>	

**Q11)** Write a statement to rename column “logo” to “companylogo” in table “supplier”

### Check slides

Field	Type	Null	Key	Default	Extra
supplierid	int	NO	PK	NULL	
suppliername	varchar(40)	NO		NULL	
phone	varchar(12)	YES		NULL	
email	varchar(40)	YES		NULL	
companylogo	longblob	YES		NULL	
isdeleted	int	YES		0	

**Q12)** Write a statement to rename table “masterproductlist” to table “productlist”.

### Check slides

+-----+	
Tables_in_stock	
+-----+	
category	
location	
productlist	
store	
supplier	
+-----+	

**Q13)** Write a statement to create a new table called “product” that has the same structure as table “productlist” by using the LIKE statement.

### Check slides

+-----+-----+-----+-----+-----+-----+						
Field	Type	Null	Key	Default	Extra	
+-----+-----+-----+-----+-----+-----+						
productid	int	NO	PK	NULL		
productname	varchar(120)	NO		NULL		
barcode	varchar(40)	YES		NULL		
model	varchar(40)	YES		NULL		
size	varchar(40)	YES		NULL		
unitfactor	varchar(30)	YES		NULL		
catid	int	YES		NULL		
storeid	int	YES		NULL		
isdelete	int	NO		0		
description	varchar(220)	YES		NULL		
+-----+-----+-----+-----+-----+-----+						

**Q14)** Write a statement to create a table called “positionlist” that has the following structures: *put the structure*

### Check slides

+-----+-----+-----+-----+-----+-----+						
Field	Type	Null	Key	Default	Extra	
+-----+-----+-----+-----+-----+-----+						
positionid	int	NO	PK	NULL		
positionname	varchar(50)	NO		NULL		
description	varchar(200)	YES		NULL		
+-----+-----+-----+-----+-----+-----+						

**Q15)** Write a statement to create a table called “department” that has the following structures: *put the structure*

### Check slides

+-----+-----+-----+-----+-----+-----+						
Field	Type	Null	Key	Default	Extra	

depid	int	NO	PK	NULL		
depname	varchar(40)	NO		NULL		
description	varchar(200)	YES		NULL		