

「設計計算工作室 2」作业三

姓名： 石雨宸

學號： D23090120503

第零題：

你的名字每個字的拼音首字母

JASON

第一題：（每一題的截圖需截取語句及輸出結果，否則該小題不得分）

cmd
截圖

1

```
mysql> SELECT * FROM STUDENT WHERE ID>5;
+-----+-----+-----+
| ID    | NAME  | GRADE |
+-----+-----+-----+
| 6     | Fred  | 56    |
| 7     | Ginny | 88    |
| 8     | Henry | 88    |
| 9     | Issac | 88    |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

cmd
截圖

2

```
mysql> DELETE FROM STUDENT WHERE ID=9;
Query OK, 1 row affected (0.03 sec)

mysql> DELETE FROM STUDENT WHERE ID <3;
Query OK, 2 rows affected (0.02 sec)

mysql> SELECT * FROM STUDENT;
+-----+-----+-----+
| ID    | NAME  | GRADE |
+-----+-----+-----+
| 3     | Cathy | 90    |
| 4     | Dennis | NULL  |
| 6     | Fred  | 56    |
| 7     | Ginny | 88    |
| 8     | Henry | 88    |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

cmd
截圖
3

```
mysql> SHOW TABLES;
+-----+
| Tables_in_jason_db_ch02 |
+-----+
| roster01                 |
| roster02                 |
| student                  |
+-----+
3 rows in set (0.00 sec)

mysql>
```

cmd
截圖
4

```
mysql> SELECT * FROM ROSTER01;
+----+-----+
| ID | NAME  |
+----+-----+
| 1  | Alane |
| 2  | Ben   |
| 3  | Carol |
| 4  | Daniel|
| 5  | Elle  |
+----+-----+
5 rows in set (0.00 sec)

mysql>
```

cmd
截圖
5

```
mysql> TRUNCATE TABLE ROSTER01;
Query OK, 0 rows affected (0.07 sec)

mysql> INSERT INTO ROSTER01 (NAME) VALUES ('Finn'),('Gary');
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0


mysql> SELECT * FROM ROSTER01;
+----+-----+
| ID | NAME  |
+----+-----+
| 1  | Finn  |
| 2  | Gary  |
+----+-----+
2 rows in set (0.00 sec)

mysql> |
```

<p>cmd 截圖 6</p>	<pre>mysql> SELECT * FROM ROSTER02; +----+-----+ ID NAME +----+-----+ 1 Alane 2 Ben 3 Carol 4 Daniel 5 Elle +----+-----+ 5 rows in set (0.00 sec) mysql></pre>
<p>cmd 截圖 7</p>	<pre>mysql> INSERT INTO ROSTER02 (NAME) VALUES ('Finn'),('Gray'); Query OK, 2 rows affected (0.02 sec) Records: 2 Duplicates: 0 Warnings: 0 mysql> SELECT * FROM ROSTER02; +----+-----+ ID NAME +----+-----+ 6 Finn 7 Gray +----+-----+ 2 rows in set (0.00 sec) mysql></pre>
<p>簡 答 題</p>	<p>结果不一样，在 roster1 中 TRUNCATE TABLE 清空了表中的所有数据，然后插入两条；但 roster2 中使用 DELETE 删除了表中的所有数据，使用 DELETE 表的字段值自增不重置，TRUNCATE 删除后，表的字段值自增重置，由 1 开始。</p>

第二題：（每一題的截圖需截取**語句**及**輸出結果**，否則該小題不得分）

<p>cmd 截圖 1</p>	<pre>mysql> SHOW TABLES; +-----+ Tables_in_db_w6_jason +-----+ table_w6_jason +-----+ 1 row in set (0.00 sec) mysql> </pre>
-------------------------	---

cm d 截 圖 2	<pre>mysql> SHOW CREATE TABLE TABLE_W6_JASON \G; ***** 1. row ***** Table: TABLE_W6_JASON Create Table: CREATE TABLE `table_w6_jason` (`SID` int NOT NULL, `NAME` varchar(50) NOT NULL, `TEL` varchar(20) NOT NULL, `WECHAT` varchar(50) DEFAULT '123456', `SEX` char(1) DEFAULT NULL, PRIMARY KEY (`SID`), UNIQUE KEY `TEL` (`TEL`), CONSTRAINT `table_w6_jason_chk_1` CHECK ((`SEX` in (_cp850'M',_cp850'F',_cp850) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci 1 row in set (0.00 sec)</pre>
cm d 截 圖 3	<pre>mysql> SELECT * FROM TABLE_W6_JASON; +-----+-----+-----+-----+-----+ SID NAME TEL WECHAT SEX +-----+-----+-----+-----+-----+ 2020001 chenyy 66778242 chen1101 F 2020011 wangtt 66887283 wtt1010 M 2020021 lecun 12345678 mnist M 2020023 coco 66984510 coco456 F 2020041 wonder 66985423 won5689 M 2020093 cdcd 66987010 cdcd46 M 2020850 yongall 63887010 yongs M +-----+-----+-----+-----+-----+ 7 rows in set (0.00 sec) mysql> </pre>
cm d 截 圖 4	<pre>mysql> SELECT * FROM TABLE_W6_JASON; +-----+-----+-----+-----+-----+ SID NAME TEL WECHAT SEX +-----+-----+-----+-----+-----+ 2020001 chenyy 66778242 newchenyy M 2020021 lecun 12345678 mnist M 2020023 coco 66984510 coco456 M 2020041 wonder 66985423 won5689 M 2020093 cdcd 66987010 cdcd46 M 2020850 yongall 63887010 yongs M +-----+-----+-----+-----+-----+ 6 rows in set (0.00 sec) mysql> </pre> <div data-bbox="343 1792 526 1863">  20°C 晴時多雲 </div>

第三題：（每一題的截圖需截取語句及輸出結果，否則該小題不得分）

cm d 截 圖 1	<pre>mysql> SHOW TABLES; +-----+ Tables_in_db_spj_jason +-----+ j_jason p_jason s_jason spj_jason +-----+ 4 rows in set (0.00 sec)</pre>
cm d 截 圖 2	<pre>mysql> SHOW CREATE TABLE S_JASON\G; ***** 1. row ***** Table: S_JASON Create Table: CREATE TABLE `s_jason` (`SNO` char(10) NOT NULL, `SNAME` varchar(50) DEFAULT NULL, `STATUS` int DEFAULT NULL, `CITY` varchar(50) DEFAULT NULL, PRIMARY KEY (`SNO`)) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci 1 row in set (0.00 sec)</pre>
cm d 截 圖 3	<pre>mysql> SHOW CREATE TABLE P_JASON\G; ***** 1. row ***** Table: P_JASON Create Table: CREATE TABLE `p_jason` (`PNO` char(10) NOT NULL, `PNAME` varchar(50) DEFAULT NULL, `COLOR` varchar(20) DEFAULT NULL, `WEIGHT` decimal(10,2) DEFAULT NULL, PRIMARY KEY (`PNO`)) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci 1 row in set (0.00 sec)</pre>

cm d 截 圖 4	<pre>mysql> SHOW CREATE TABLE J_JASON\G; ***** 1. row ***** Table: J_JASON Create Table: CREATE TABLE `j_jason` (`JNO` char(10) NOT NULL, `JNAME` varchar(50) DEFAULT NULL, `CITY` varchar(50) DEFAULT NULL, PRIMARY KEY (`JNO`)) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ 1 row in set (0.00 sec)</pre>
cm d 截 圖 5	<pre>mysql> SELECT * FROM SPJ_JASON WHERE QTY > 250; +-----+-----+-----+-----+ SNO PNO JNO QTY +-----+-----+-----+-----+ S1 P1 J4 700 S2 P3 J1 400 S2 P3 J4 500 S4 P6 J3 300 S5 P6 J4 500 +-----+-----+-----+-----+ 5 rows in set (0.00 sec) mysql> </pre>
cm d 截 圖 6	<pre>mysql> SELECT * FROM S_JASON; +-----+-----+-----+-----+ SNO SNAME STATUS CITY +-----+-----+-----+-----+ S1 SupplierA 20 Tianjin S2 SupplierB 10 Beijing S3 SupplierC 30 Beijing S4 SupplierD 20 Tianjin S5 SupplierE 30 Shanghai +-----+-----+-----+-----+ 5 rows in set (0.00 sec) mysql> </pre>

cmd
截圖
7

```
mysql> SELECT * FROM SPJ_JASON WHERE QTY>250;
+-----+-----+-----+-----+
| SNO   | PNO   | JNO   | QTY   |
+-----+-----+-----+-----+
| S1    | P1    | J4    | 700   |
| S2    | P3    | J1    | 400   |
| S2    | P3    | J4    | 500   |
| S4    | P6    | J3    | 300   |
| S5    | P6    | J4    | 500   |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```