

1.Simple programming exercises –

- case –

```
mysql> select *
-> ;
ERROR 1096 (HY000): No tables used
mysql> select *,
-> case
-> when amount >= 10000 then "high cost"
-> end as priority
-> from order_1;
```

order_id	item	amount	customer_id	priority
1	Keyboard	400	4	NULL
2	Mouse	300	4	NULL
3	Monitor	12000	3	high cost
4	Keyboard	400	1	NULL
5	Mousepad	250	2	NULL

```
5 rows in set (0.00 sec)
mysql>
```

- If –

```
mysql> select *,
-> if(amount >300,"more","less")
-> from order_1;
```

order_id	item	amount	customer_id	if(amount >300,"more","less")
1	Keyboard	400	4	more
2	Mouse	300	4	less
3	Monitor	12000	3	more
4	Keyboard	400	1	more
5	Mousepad	250	2	less

```
5 rows in set (0.00 sec)
```

- Loop –

```
mysql> DELIMITER //
```

```
mysql>
```

```
mysql> CREATE PROCEDURE my_loop()  
-> BEGIN  
->     DECLARE i INT DEFAULT 10;  
->  
->     WHILE i <= 30 DO  
->         -- Perform your desired operations here  
->         SELECT i; -- Print the current value of i  
->         SET i = i + 1;  
->     END WHILE;  
-> END //
```

```
ERROR 1304 (42000): PROCEDURE my_loop already exists
```

```
mysql>
```

```
mysql> DELIMITER ;
```

```
mysql>
```

```
mysql> CALL my_loop();
```

i
10

```
1 row in set (0.00 sec)
```


i
11

```
1 row in set (0.00 sec)
```


i
12

```
1 row in set (0.01 sec)
```


i
13

```
1 row in set (0.02 sec)
```