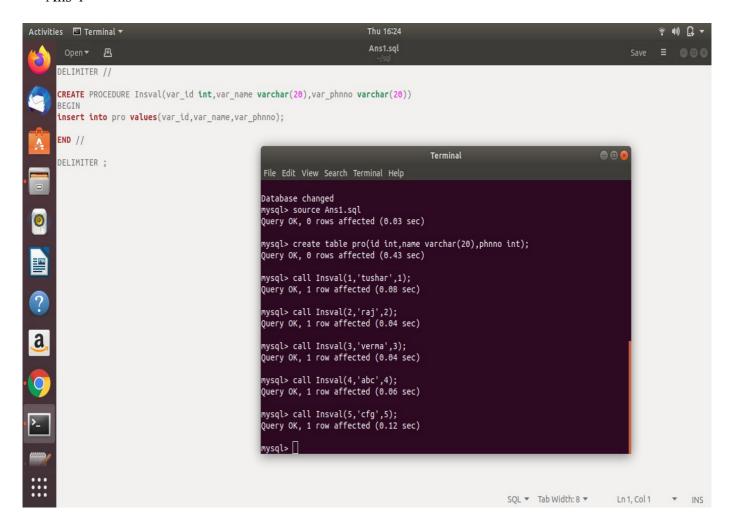
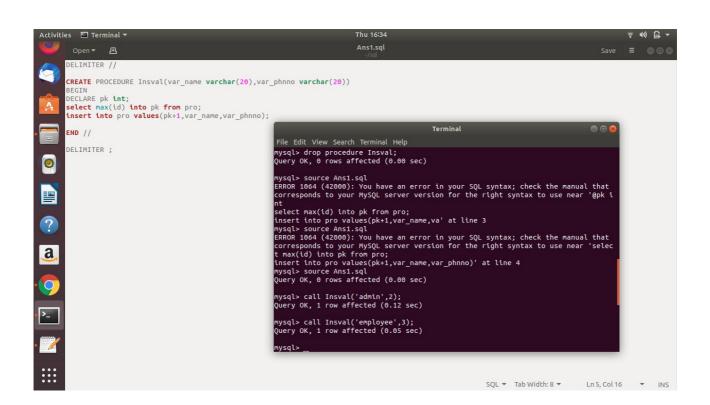
Ans-1



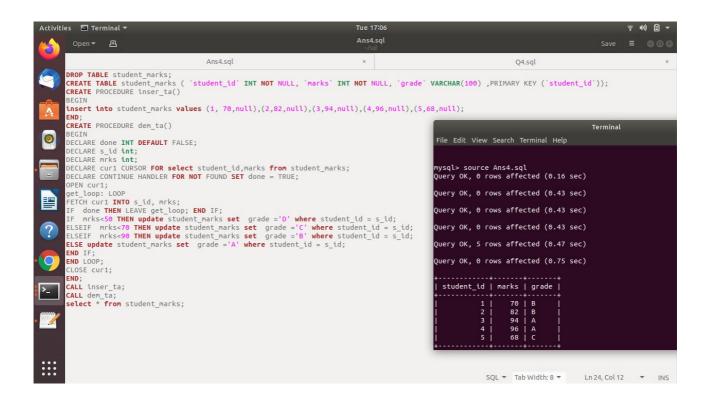
Ans-2



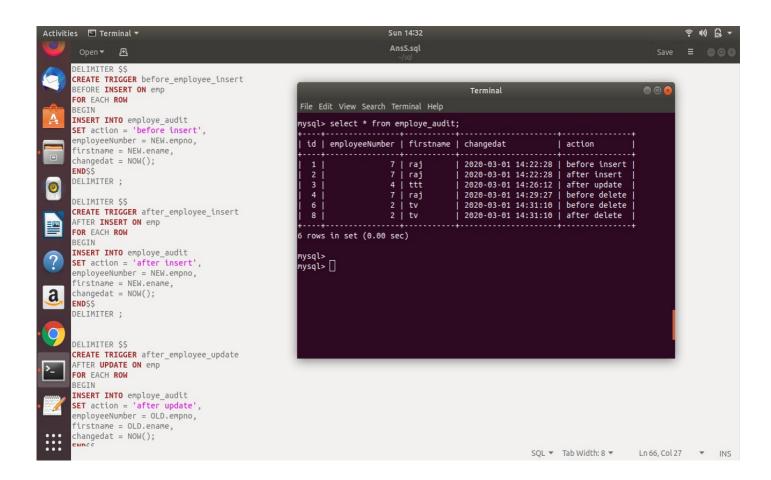
Ans3

```
Activities 🖾 Terminal
                                                                                                           Thu 17:07
                                                                                                           Ans3.sql
                                                                                                                                                              Ans3.sal
                                                       Ans1.sal
        DELIMITER SS
        CREATE PROCEDURE condition FUNC(
        IN message varchar(100),
OUT output VARCHAR(100))
BEGIN
                                                                                                                                                Terminal
                                                                                          File Edit View Search Terminal Help
mysql> source Ans3.sql
Query OK, 0 rows affected (0.00 sec)
              case message
             when 'first' THEN
    SET output = 'first condition executed';
                                                                                           mysql> call condition_FUNC('first',@output);
Query OK, 0 rows affected (0.00 sec)
             when 'second' THEN
    SET output = 'second condition executed';
when 'third' THEN
    SET output = 'third condition executed';
                                                                                            nysql> select @output;
 @output
                                                                                            first condition executed |
             SET output='Else condition executed';
END CASE;
                                                                                            row in set (0.00 sec)
        ENDSS
                                                                                           mysql> call condition_FUNC('second',@output);
Query OK, 0 rows affected (0.00 sec)
a
        DELIMITER ;
                                                                                            ysql> select @output;
                                                                                             @output
                                                                                             second condition executed |
                                                                                                                                                      SQL ▼ Tab Width: 8 ▼ Ln 3, Col 32 ▼ INS
```

Ans-4



Ans-5



Ans-6

- i) slow_query_log Boolean for turning the slow query log on and off.
 - slow_query_log

Property	Value	
Command-Line Format	slow-query-log[={OFF ON}]	
System Variable	slow_query_log	
Scope	Global	
Dynamic	Yes	
Туре	Boolean	
Default Value	OFF	

Whether the slow query log is enabled. The value can be 0 (or **OFF**) to disable the log or 1 (or **ON**) to enable the log. The destination for log output is controlled by the <u>log_output</u> system variable; if that value is **NONE**, no log entries are written even if the log is enabled.

"Slow" is determined by the value of the long_query_time variable. See Section 5.4.5, "The Slow Query Log".

- **ii) slow_query_log_file** The absolute path for the query log file. The file's directory should be owned by the mysqld user and have the correct permissions to be read from and written.
 - slow_query_log_file

Property	Value	
Command-Line Format	slow-query-log-file=file_name	name
System Variable	slow_query_log_file	
Scope	Global	
Dynamic	Yes	
Туре	File name	
Default Value	host_name-slow.log	

- **iv) log_queries_not_using_indexes** Boolean value whether to log queries that are not hitting indexes. When doing query analysis, it is important to log queries that are not hitting indexes.
- log_queries_not_using_indexes

Property	Value
Command-Line Format	log-queries-not-using-indexes[={OFF ON}]
System Variable	log_queries_not_using_indexes
Scope	Global
Dynamic	Yes
Туре	Boolean
Default Value	OFF

If you enable this variable with the slow query log enabled, queries that are expected to retrieve all rows are logged. See Section 5.4.5, "The Slow Query Log". This option does not necessarily mean that no index is used. For example, a query that uses a full index scan uses an index but would be logged because the index would not limit the number of rows.

v) min_examined_row_limit - Sets a lower limit on how many rows should be examined. A value of 1000 would ignore any query that analyzes less than 1000 rows.

vii) profiling

profiling

If set to 0 or OFF (the default), statement profiling is disabled. If set to 1 or ON, statement profiling is enabled and the SHOW PROFILES statements provide access to profiling information. See Section 13.7.5.32, "SHOW PROFILES Statement".

This variable is deprecated and will be removed in a future MySQL release.

viii) profiling_history_size

profiling_history_size

The number of statements for which to maintain **profiling** information if **profiling** is enabled. The default value is 15. The maximum value is 100. Setting the value to 0 effectively disables **profiling**. See Section 13.7.5.32, "SHOW PROFILES Statement".

