```sql
create or replace PACKAGE body mail_util
IS
   -- Write a MIME header
PROCEDURE write_mime_header(
    p_conn   IN OUT nocopy utl_smtp.connection ,
    p_name   IN VARCHAR2 ,
    p_value  IN VARCHAR2 )
IS
BEGIN
   utl_smtp.write_data ( p_conn , p_name || ': ' || p_value || utl_tcp.crlf );
END;
function send_mail(
    p_sender    IN VARCHAR2 ,
    p_recipient IN VARCHAR2 ,
    p_subject   IN VARCHAR2 ,
    p_message   IN VARCHAR2 )
return boolean
is
   l_conn utl_smtp.connection;
   nls_charset VARCHAR2(255);
BEGIN
   -- get characterset
   SELECT value
   INTO nls_charset
   FROM nls_database_parameters
   WHERE parameter = 'NLS_CHARACTERSET';
   -- establish connection and autheticate
   l_conn := utl_smtp.open_connection (g_smtp_host, g_smtp_port);
   utl_smtp.ehlo(l_conn, g_smtp_domain);
   -- set from/recipient
   utl_smtp.command(l_conn, 'MAIL FROM: <'||p_sender||'>');
   utl_smtp.command(l_conn, 'RCPT TO: <'||p_recipient||'>');
   -- write mime headers
   utl_smtp.open_data (l_conn);
   write_mime_header (l_conn, 'From', p_sender);
   write_mime_header (l_conn, 'To', p_recipient);
   write_mime_header (l_conn, 'Subject', p_subject);
   write_mime_header (l_conn, 'Content-Type', 'text/plain');
   write_mime_header (l_conn, 'X-Mailer', g_mailer_id);
   utl_smtp.write_data (l_conn, utl_tcp.crlf);
   -- write message body
   utl_smtp.write_data (l_conn, p_message);
   utl_smtp.close_data (l_conn);
   -- end connection
   utl_smtp.quit (l_conn);
   return true;
EXCEPTION
WHEN OTHERS THEN
   BEGIN
     utl_smtp.quit(l_conn);
   EXCEPTION
   WHEN OTHERS THEN
     NULL;

   END;
   raise_application_error(-20000,'Failed to send mail due to the following error: ' ||
   sqlerrm);
```

```
    return false;

END;
END;
```