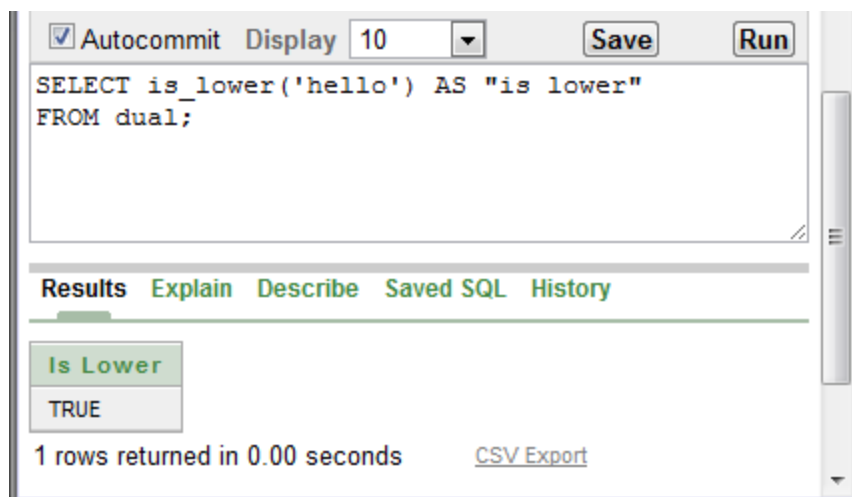
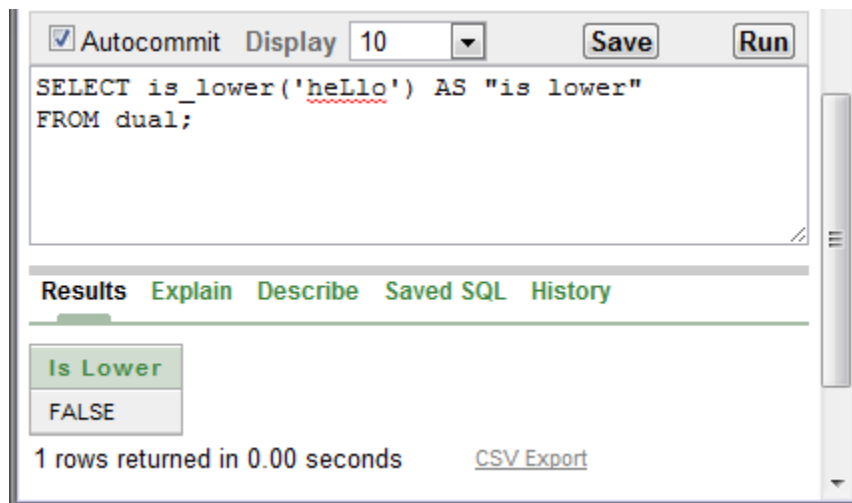


- Write two functions to accept character string and return **TRUE** or **FALSE** based on the following logic.  
IS\_LOWER – True if all characters are in lower case  
IS\_UPPER – True if all characters are in upper case.

```
CREATE OR REPLACE FUNCTION is_lower
(
    f_string VARCHAR2
)
RETURN VARCHAR2
AS
BEGIN
    IF LOWER(f_string) = f_string THEN
        RETURN 'TRUE';
    ELSE
        RETURN 'FALSE';
    END IF;
END is_lower;
/
```



```

CREATE OR REPLACE FUNCTION is_upper
(
    f_string VARCHAR2
)
RETURN      VARCHAR2
AS
BEGIN
    IF      UPPER(f_string) = f_string      THEN
        RETURN 'TRUE';
    ELSE
        RETURN 'FALSE';
    END IF;
END is_upper;
/

```

☒ Autocommit    Display 10       

```

SELECT is_upper('hEllo') AS "is upper"
FROM dual;

```

[Results](#)   [Explain](#)   [Describe](#)   [Saved SQL](#)   [History](#)

Is Upper
FALSE

1 rows returned in 0.00 seconds    [CSV Export](#)

☒ Autocommit    Display 10       

```

SELECT is_upper('HELLO') AS "is upper"
FROM dual;

```

[Results](#)   [Explain](#)   [Describe](#)   [Saved SQL](#)   [History](#)

Is Upper
TRUE

1 rows returned in 0.00 seconds    [CSV Export](#)