CREATE FUNCTION isodd(input\_number int)

RETURNS int

BEGIN

DECLARE v\_isodd INT;

IF MOD(input\_number,2)=0 THEN

SET v\_isodd=FALSE;

ELSE

SET v\_isodd=TRUE;

END IF;

RETURN(v\_isodd);

END ;

From the MySQL command line, we can invoke our simple stored function in a number of ways. [Example 10-7](https://www.oreilly.com/library/view/mysql-stored-procedure/0596100892/ch10s03.html#mysqlspp-CHP-10-EX-7) shows how to call the stored function from a SET statement and from a SELECT statement.

*Example 10-7. Calling a stored function from the MySQL command line*

mysql> SET @x=isodd(42);

Query OK, 0 rows affected (0.00 sec)

mysql> SELECT @x;

+------+

| @x |

+------+

| 0 |

+------+

1 row in set (0.02 sec)

mysql> SELECT isodd(42)

-> ;

+-----------+

| isodd(42) |

+-----------+

| 0 |

+-----------+