

```
1
2 DROP FUNCTION ShiftPostingPeriod ;
3 DELIMITER &&
4
5 CREATE FUNCTION ShiftPostingPeriod(posting_period VARCHAR(50), Shift TINYINT) RETURNS text
6     CHARSET utf8
7 COMMENT "USAGE: SELECT ShiftPostingPeriod('Jun 2016', -1) ; Upper/lower case is irrelevant."
8 "
9 BEGIN
10
11     DECLARE Answer VARCHAR(50) ;
12
13     IF SIGN(Shift) = +1 THEN
14         SELECT DATE_FORMAT(DATE_ADD(CONCAT(SUBSTRING(STR_TO_DATE(posting_period, '%b
15             %Y'),1,8),'01') , INTERVAL Shift MONTH), '%b %Y') INTO Answer ;
16     ELSE
17         SET Shift := ABS(Shift) ;
18         SELECT DATE_FORMAT(DATE_SUB(CONCAT(SUBSTRING(STR_TO_DATE(posting_period, '%b
19             %Y'),1,8),'01') , INTERVAL Shift MONTH), '%b %Y') INTO Answer ;
20     END IF ;
21
22     RETURN Answer ;
23
24 END &&
25
26
```