# DATE CONVERSION



Hijri & Gregorian Calendar

## Outlines

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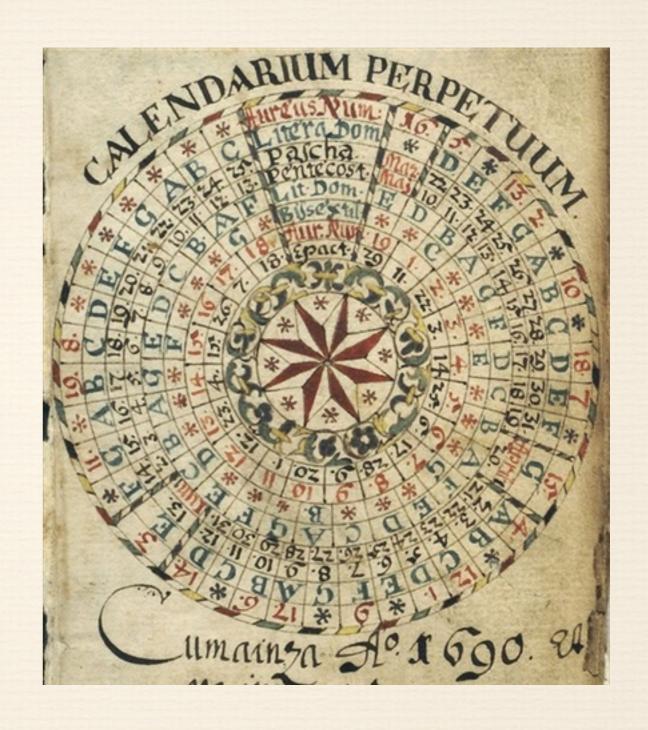
SET OF STEPS

STEP1

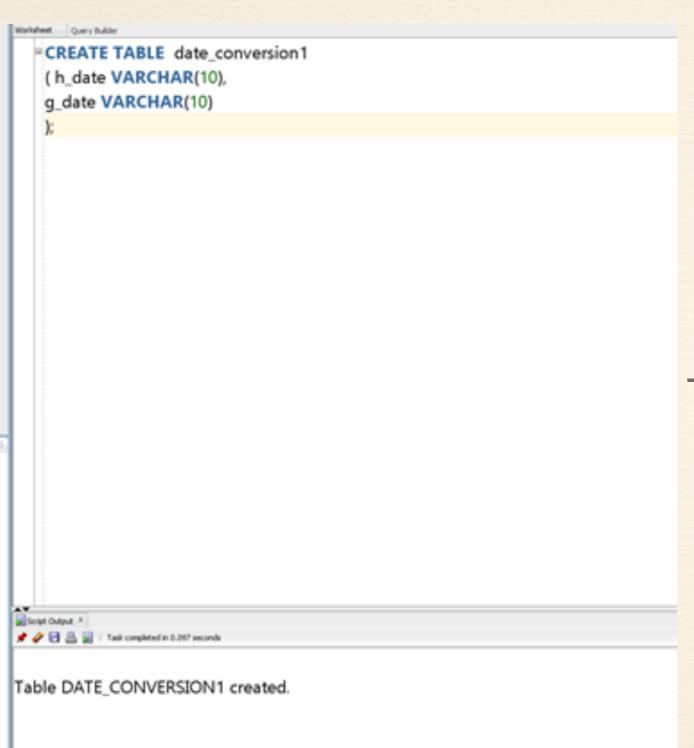
STEP2

STEP3

STEP4

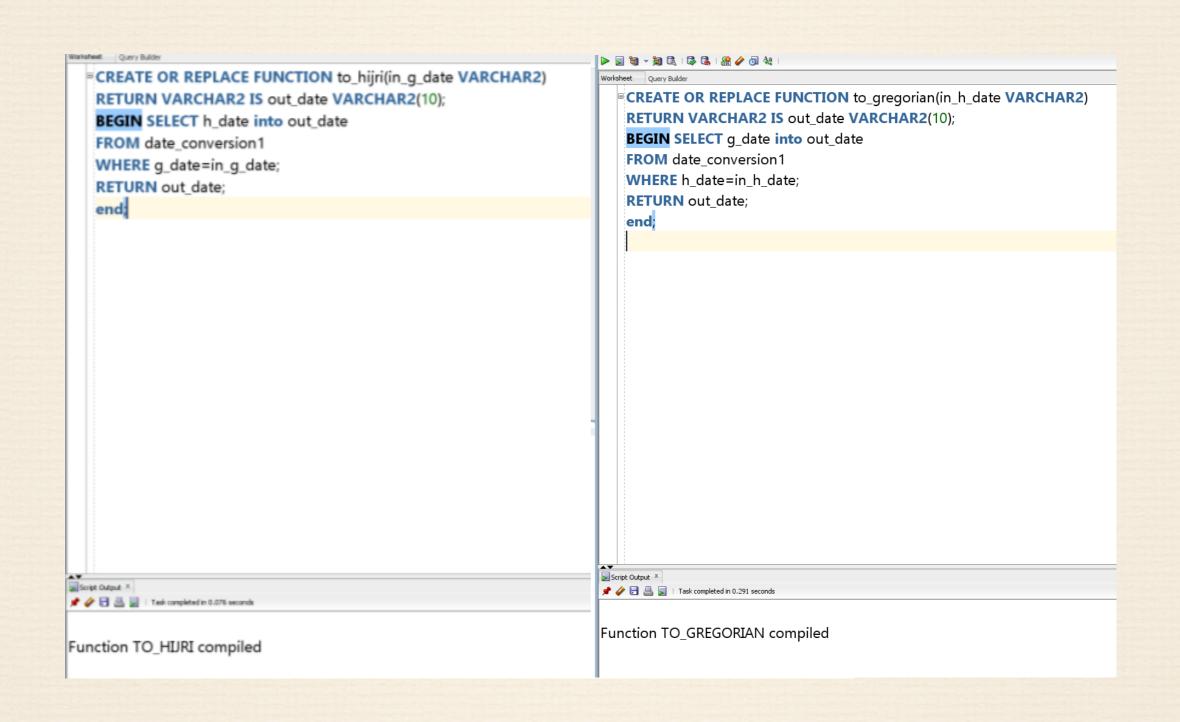


#### STEP1: CREATE LOOKUP TABLE



- create table date\_conversion1

#### STEP2: CREATE FUNCTION



### STEP3:INSERT DATA

Here for month 1 of the Gregorian year

```
INSERT INTO date_conversion1 VALUES ('1441/2/11', '2019/10/10');
   INSERT INTO date_conversion1 VALUES ('1441/2/12', '2019/10/11');
   INSERT INTO date_conversion1 VALUES ('1441/2/13', '2019/10/12');
   INSERT INTO date_conversion1 VALUES ('1441/2/14', '2019/10/13');
   INSERT INTO date_conversion1 VALUES ('1441/2/15', '2019/10/14');
   INSERT INTO date_conversion1 VALUES ('1441/2/16', '2019/10/15');
   INSERT INTO date_conversion1 VALUES ('1441/2/17', '2019/10/16');
   INSERT INTO date_conversion1 VALUES ('1441/2/18', '2019/10/17');
   INSERT INTO date_conversion1 VALUES ('1441/2/19', '2019/10/18');
   INSERT INTO date_conversion1 VALUES ('1441/2/20', '2019/10/19');
Script Output X
📌 🧼 🛅 📇 📓 | Task completed in 0.202 seconds
1 row inserted.
1 row inserted.
1 row inserted.
```

### STEP3:INSERT DATA

Here for month 1 of the Hijri year

```
INSERT INTO date_conversion1 VALUES ('1441/1/1', '2019/8/31');
   INSERT INTO date_conversion1 VALUES ('1441/1/2', '2019/9/1');
   INSERT INTO date_conversion1 VALUES ('1441/1/3', '2019/9/2');
   INSERT INTO date_conversion1 VALUES ('1441/1/4', '2019/9/3');
   INSERT INTO date_conversion1 VALUES ('1441/1/5', '2019/9/4');
   INSERT INTO date_conversion1 VALUES ('1441/1/6', '2019/9/5');
   INSERT INTO date_conversion1 VALUES ('1441/1/7', '2019/9/6');
   INSERT INTO date_conversion1 VALUES ('1441/1/8', '2019/9/7');
   INSERT INTO date_conversion1 VALUES ('1441/1/9', '2019/9/8');
   INSERT INTO date_conversion1 VALUES ('1441/1/10', '2019/9/9');
Script Output: X
📌 🤣 🔡 🚇 🔋 | Task completed in 0.151 seconds
1 row inserted.
1 row inserted.
1 row inserted.
```

#### STEP4: CALL THE FUNCTION



Convert to Gregorian



Convert to Hijri

# Thank you

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