

Lesson 11 - Homework

Create a table with 7 columns in a single DAX query

Table should consist of:

- The previous and the next 7 days from the current date
- Name of the day (Friday, Saturday, etc.)
- Name of the day in Uzbek
- Year Number of the day
- Month Name
- Day number
- Fiscal quarter, considering fiscal year starting in October

```
calendar table with calendar =  
ADDCOLUMNS (  
    CALENDAR (  
        TODAY () - 7 ,  
        TODAY () + 7  
    ) ,  
    "NameOfDay" , FORMAT ([Date] , "dddd" ) ,  
    "Name of the day in Uzbek" , FORMAT ([Date] , "dddd" , "uz-UZ" ) ,  
    "Day Number of the Year" , DATEDIFF (FORMAT (DATE (YEAR ([Date])) , 1 , 1) , "YYYY-MM-DD" ) , [Date] , DAY) +  
    1 ,  
    "Month Name" , FORMAT ([Date] , "mmmm" ) ,  
    "Day Number" , WEEKDAY ([Date] , 2) ,  
    "Fiscal Quarter" ,  
        VAR MonthOffset = MOD (MONTH ([Date]) + 2 , 12)  
        RETURN  
        "Q" & QUOTIENT (MonthOffset , 3) + 1  
)
```

Date	NameOfDay	Name of the day in Uzbek	Day Number of the Year	Month Name	Day Number	Fiscal Quarter
9/24/2025	Wednesday	chorshanba	267	September	3	Q4
9/25/2025	Thursday	payshanba	268	September	4	Q4
9/26/2025	Friday	juma	269	September	5	Q4
9/27/2025	Saturday	shanba	270	September	6	Q4
9/28/2025	Sunday	yakshanba	271	September	7	Q4
9/29/2025	Monday	dushanba	272	September	1	Q4
9/30/2025	Tuesday	seshanba	273	September	2	Q4
10/1/2025	Wednesday	chorshanba	274	October	3	Q1
10/2/2025	Thursday	payshanba	275	October	4	Q1
10/3/2025	Friday	juma	276	October	5	Q1
10/4/2025	Saturday	shanba	277	October	6	Q1
10/5/2025	Sunday	yakshanba	278	October	7	Q1
10/6/2025	Monday	dushanba	279	October	1	Q1
10/7/2025	Tuesday	seshanba	280	October	2	Q1
10/8/2025	Wednesday	chorshanba	281	October	3	Q1