## Show All Games with Duration and Part of the Day

Find all games with part of the day and duration sorted by game name alphabetically then by duration (alphabetically, not by the timespan) and part of the day (all ascending). **Parts of the day** should be **Morning** (time is >= 0 and < 12), **Afternoon** (time is >= 12 and < 18), **Evening** (time is >= 18 and < 24). **Duration** should be **Extra** **Short** (smaller or equal to 3), **Short** (between 4 and 6 including), **Long** (greater than 6) and **Extra Long** (without duration).

### Example

|  |  |  |
| --- | --- | --- |
| **Game** | **Part of the Day** | **Duration** |
| Ablajeck | Morning | Long |
| Ablajeck | Afternoon | Short |
| Abregado Rae | Afternoon | Long |
| Abrion | Morning | Extra Short |
| Acaeria | Evening | Long |
| … | … | … |

SELECT [Name],

CASE

WHEN DATEPART(HOUR, Start) BETWEEN 0 AND 11 THEN 'Morning'

WHEN DATEPART(HOUR, Start) BETWEEN 12 AND 17 THEN 'Afternoon'

WHEN DATEPART(HOUR, Start) BETWEEN 18 AND 23 THEN 'Evening'

END

AS [Part of the day],

CASE

WHEN Duration <= 3 THEN 'Extra Short'

WHEN Duration BETWEEN 4 AND 6 THEN 'Short'

WHEN Duration > 6 THEN 'Long'

ELSE

'Extra Long'

END AS [Duration]

FROM Games

ORDER BY [Name], Duration, [Part of the day]