Range Generation Snowflake SQL Puzzles

Challenge: come up with at least 3 different strategy for each puzzle

19. Integer Range Generation

Generate a list of integer values from 1 to 10

- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*
- *Expected Result:*

VALUE
1
2
3
4
5
6
7
8
9
10

21. Random Integer sample from a fixed range

Generate a list of 10 random Integers from the range between 20 and 50

- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*
- *Expected Sample Result:*

RND
41
29
30

40
49
31
32
37
22
33

22. Random String Generation

Generate a list of 10 random character strings of 5 characters long each

- *Only upper case character and digits are allowed*
- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*
- *Expected Sample Result:*

RND
EJ3LW
THJTW
9X4HA
8Y7YV
NFEBS
JKULH
RZD8A
R8A7Q
XWVBW
PG6UB

23. Date Range Generation

Generate a range of 10 sequential date values starting with today's date

- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*

date
2020-04-04
2020-04-05
2020-04-06
2020-04-07
2020-04-08
2020-04-09
2020-04-10
2020-04-11
2020-04-12
2020-04-13

24. Remaining days of the Month

Generate a list of dates from current day till the end of the month

- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*
- *Expected Sample Result:*

date
2020-04-18
2020-04-19
2020-04-20
2020-04-21
2020-04-22
2020-04-23
2020-04-24
2020-04-25
2020-04-26
2020-04-27
2020-04-28

2020-04-29
2020-04-30

25. Remaining days of the Week

Generate a list of dates from current day till the end of the week

- *Show the date and the day of the week columns*
- *The first day of the should be only controlled by the server settings*
- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*
- *Expected Sample Result:*

Date	Day
2020-04-14	Tue
2020-04-15	Wed
2020-04-16	Thu
2020-04-17	Fri
2020-04-18	Sat

28. Calendar Months

Generate a list of all month names in their calendar order

- *Show full month names*
- *Use a single SELECT statement only*
- *Table(s) to be used: N/A*
- *Expected Result:*

MONTH
January
February
March
April
May

June
July
August
September
October
November
December