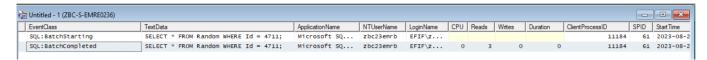
# Opgave 1



CPU: 0 Reads: 3 Duration: 0

SELECT \* FROM Random WHERE Id = 4711;

## Opgave 2



CPU: 0 Reads: 163 Duration: 17

CREATE VIEW OccurencesView AS

SELECT RandomNumber, COUNT(RandomNumber) AS Occurences

FROM Random

GROUP BY RandomNumber;

# **Opgave 3**

SQL:BatchStarting	SELECT * FROM OccurencesView ORDER	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08-2
SQL:BatchCompleted	SELECT * FROM OccurencesView ORDER	Microsoft SQ	zbc23emrb	EFIF\z	155	2426	0	154	11184	61	2023-08-2

CPU: 155 Reads: 2426 Duration: 154

SELECT \* FROM OccurencesView
ORDER BY Occurences ASC;

Resultat: 3063 forekommer 63 gange

## **Opgave 4**

,											
SQL:BatchStarting	SELECT * FROM OccurencesView ORDER	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08
SQL:BatchCompleted	SELECT * FROM OccurencesView ORDER	Microsoft SQ	zbc23emrb	EFIF\z	233	2426	0	138	11184	61	2023-08

CPU: 233 Reads: 2426 Duration: 138

SELECT \* FROM OccurencesView
ORDER BY Occurences DESC;

Resultat: 6768 forekommer 137 gange

## **Opgave 5**

EventClass	TextData		ApplicationName	NTUserName	LoginName	CPU	Reads	Writes	Duration	ClientProcessID	SPID	StartTime
SQL:BatchStarting	SELECT RandomNumber	FROM Occurences	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08-2
SQL:BatchCompleted	SELECT RandomNumber	FROM Occurences	Microsoft SQ	zbc23emrb	EFIF\z	234	2430	0	90	11184	61	2023-08-2

CPU: 234 Reads: 2430 Duration: 90

SELECT RandomNumber FROM OccurencesView WHERE Occurences = (SELECT MIN(Occurences) FROM
OccurencesView);

Resultat: 3063 er sjældnest



CPU: 200 Reads: 2430 Duration: 99

SELECT RandomNumber FROM OccurencesView WHERE Occurences = (SELECT MAX(Occurences) FROM
OccurencesView);

Resultat: 6768 er hyppigst

# Opgave 6

#### View create før:

- 11	SQL:BatchStarting	CREATE VIEW OccurencesView AS	SELEC	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08
- 11	SQL:BatchCompleted	CREATE VIEW OccurencesView AS	SELEC	Microsoft SQ	zbc23emrb	EFIF\z	0	163	11	17	11184	61	2023-08

CPU: 0 Reads: 163 Duration: 17

#### View create efter:

SQL:BatchStarting	CREATE VIEW OccurencesView2 AS SELE	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08-2
SQL:BatchCompleted	CREATE VIEW OccurencesView2 AS SELE	Microsoft SQ	zbc23emrb	EFIF\z	0	80	0	6	11184	61	2023-08-2

CPU: 0 Reads: 80 Duration: 6

## Find sjældneste numre før:

_													
	SQL:BatchStarting	SELECT * FROM OccurencesView O	ORDER	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08-2
	SQL:BatchCompleted	SELECT * FROM OccurencesView O	ORDER	Microsoft SQ	zbc23emrb	EFIF\z	155	2426	0	154	11184	61	2023-08-2

CPU: 155 Reads: 2426 Duration: 154

## Find sjældneste numre efter:

SQL:BatchStarting	SELECT *	FROM OccurencesView2	ORDER	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08-2
SQL:BatchCompleted	SELECT *	FROM OccurencesView2	ORDER	Microsoft SQ	zbc23emrb	EFIF\z	16	38	0	68	11184	61	2023-08-2

CPU: 16 Reads: 38 Duration: 68

# Find hyppigste numre før:

SQL:BatchStarting	SELECT * FROM OccurencesView	ORDER	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08
SQL:BatchCompleted	SELECT * FROM OccurencesView	ORDER	Microsoft SQ	zbc23emrb	EFIF\z	233	2426	0	138	11184	61	2023-08

CPU: 233 Reads: 2426 Duration: 138

## Find hyppigste numre efter:

- 1	SQL:BatchStarting	SELECT * FROM OccurencesView2 ORDER	Microsoft SQ	zbc23emrb	EFIF\z					11184	61	2023-08
- 1	SQL:BatchCompleted	SELECT * FROM OccurencesView2 ORDER	Microsoft SQ	zbc23emrb	EFIF\z	15	357	0	94	11184	61	2023-08

CPU: 15 Reads: 357 Duration: 94