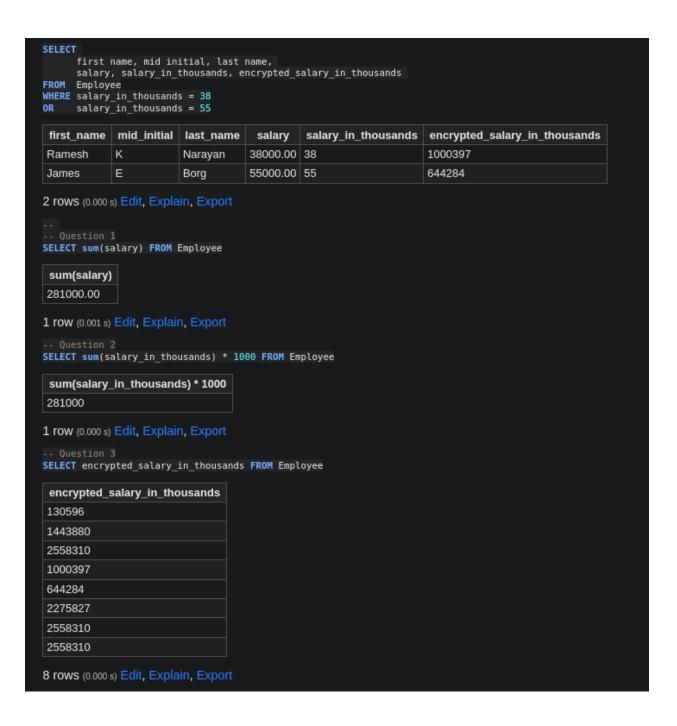
## Project 3 - Andrew Cash Encrypted COMPANY

Due at the beginning of the class, Wednesday, December 1, 2021 Submitted to Blackboard by the beginning of the class





Result - 4631369740004513994323266852974722556801233280000

<u>Paillier Encrypt Message</u>				
G Value g ( <i>g</i> ):	63	R Value r ( r):	136	
N Value n ( n ):	1763	Message Value m ( <i>m</i> ):	38	
	[c] = $g^m r^n MOD n^2$ =	1000397		
	CALCUL	ATE CLEAR		
	ı	Decode:		
	-			
Paillier Decrypt Message				
Ciphertext Value c ( c): 297		0000 λ (lambda) Value λ (λ):	840	
N Value n ( <i>n</i> ):	1763	μ (Mu) Value $μ$ ( $μ$ ):	26	
	[m] = L(c <sup>λ</sup> MOD n ²).μ MOD n =	281		
	CALCUL	ATE CLEAR		

m = 281 \* 1000 = 281000