

**CSE2007 : Database Management Systems**

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**Lab Slot :** L45 + L46

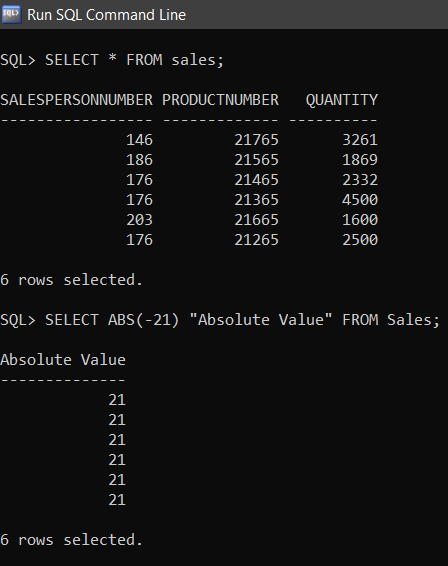
**Date :** 04 – 03 – 2021

**Submitted to :** Ms. Dhanavanthini madam

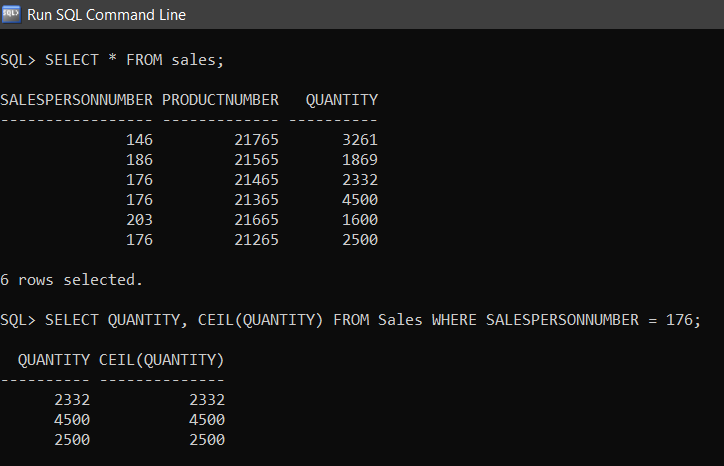
**Single row and Group Function Queries**

**Numeric Functions**

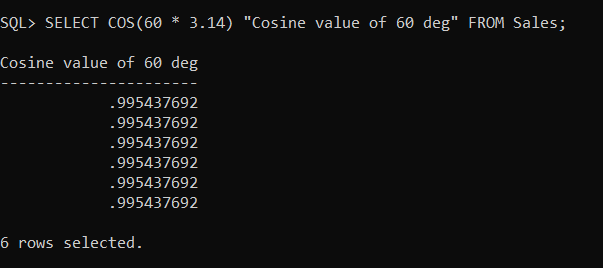
**1. abs(n)**



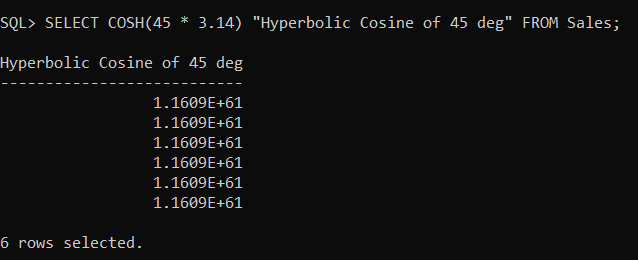
**2. ceil(n)**



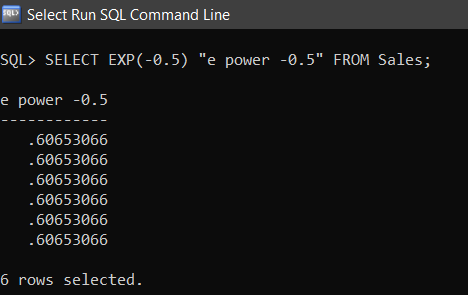
**3. cos(n)**



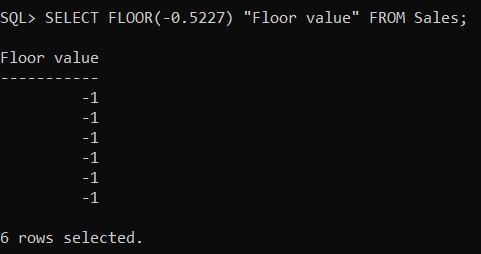
**4. cosh(n)**



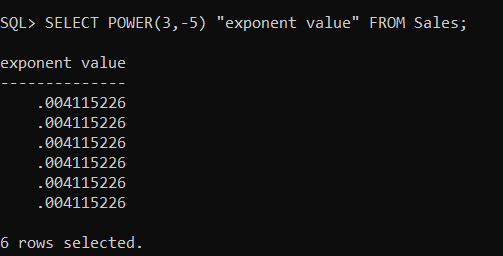
**5. exp(n)**



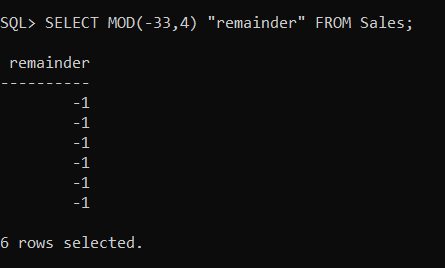
**6. floor(n)**



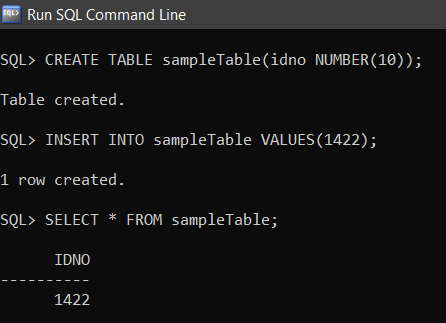
**7. power(m,n)**



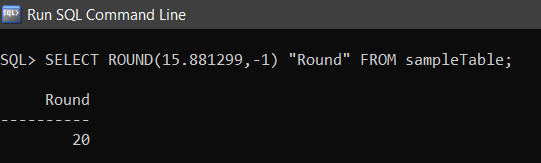
**8. mod(m,n)**



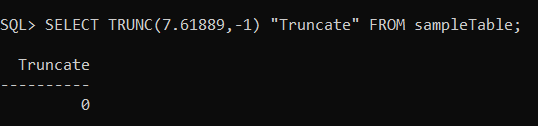
**Created a Table for performing operations :**



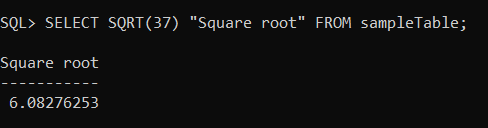
**9. round(m,n)**



**10. trunc (m,n)**

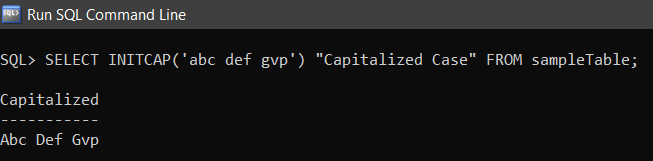


**11. sqrt (n)**

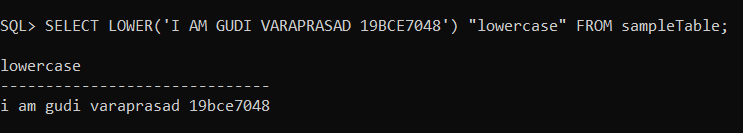


**Character Functions**

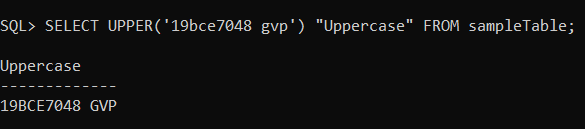
**1. initcap(char)**



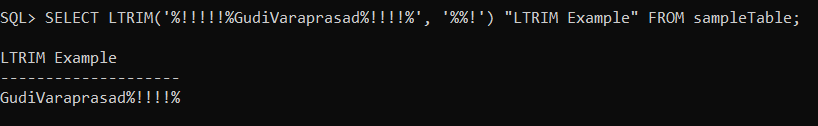
**2. lower (char)**



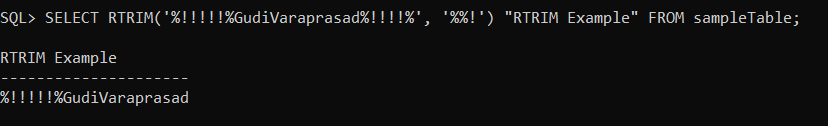
**3.** **upper (char)**



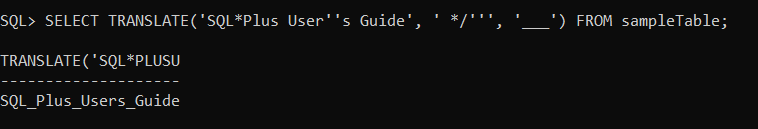
**4. ltrim ( char, set)**



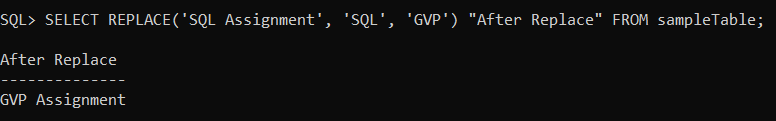
**5. rtrim (char, set)**



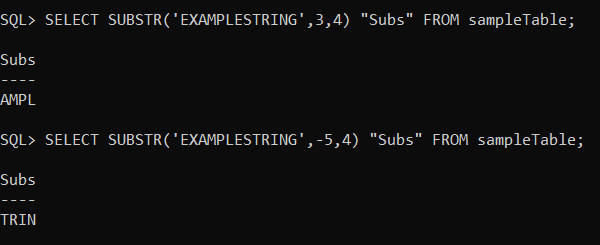
**6. translate(char, from, to)**



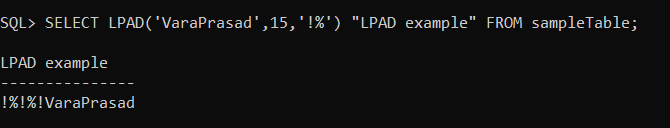
**7. replace(char, search string, replace string)**



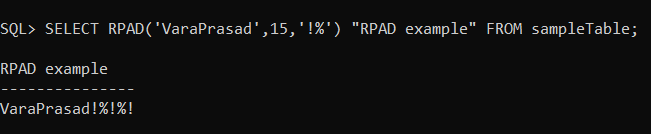
**8. substr(char, m , n)**



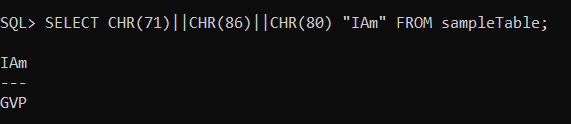
**9. lpad(char, length, special char)**



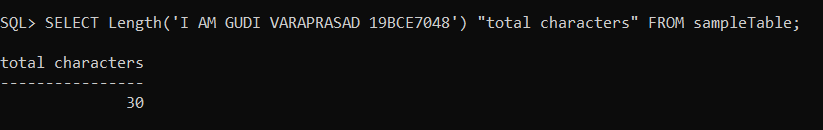
**10. rpad(char, length, special char)**



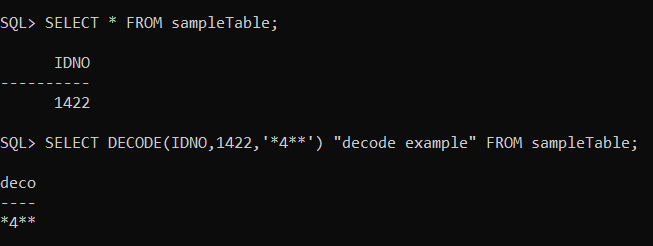
**11. chr(number)**



**12. length(char)**

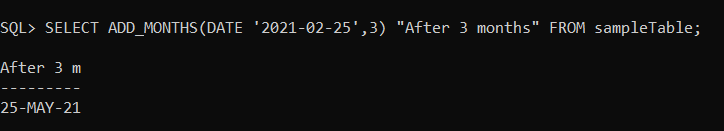


**13. decode(column name, col value, replace value)**

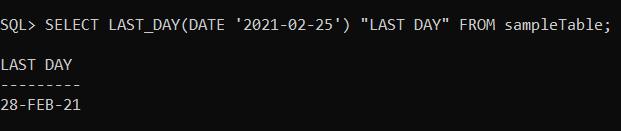


**Date functions**

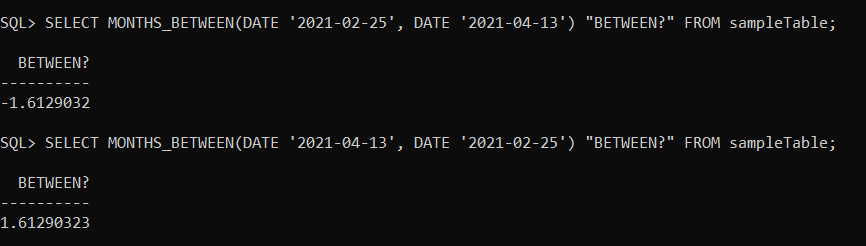
**1. add\_months(date,no. of months)**



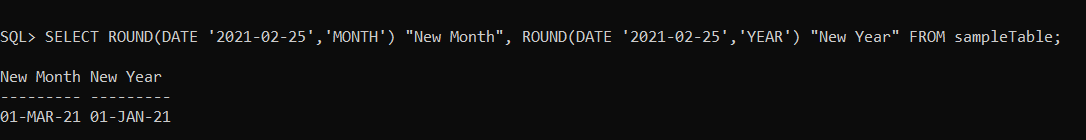
**2. last\_day(date)**



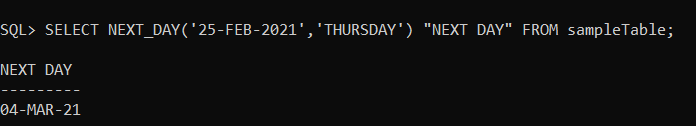
**3. months\_between(date1,date2)**



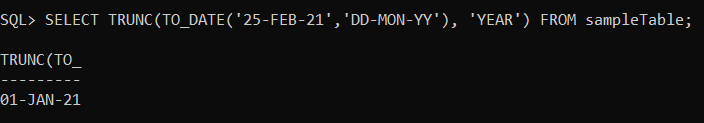
**4. round(date )**



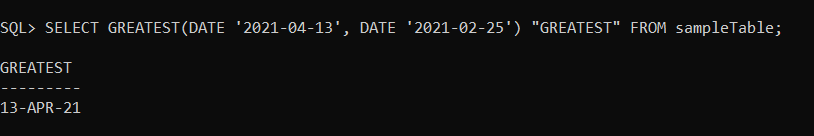
**5. next\_day(date, day)**



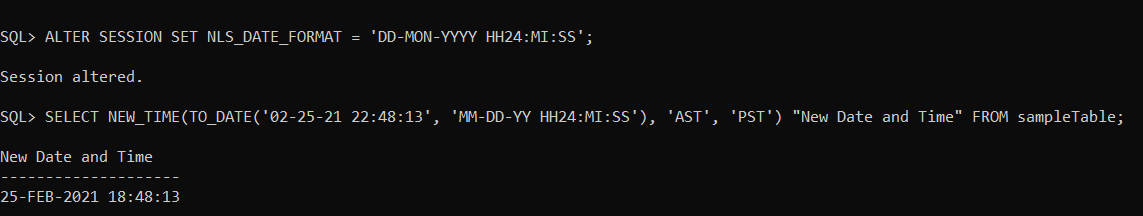
**6. trunc(date, [format] )**



**7. greatest(date1, date2,…)**

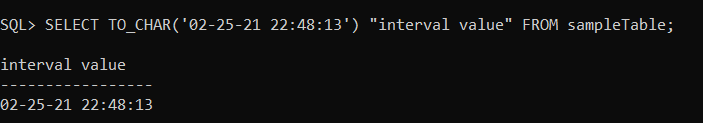


**8. new\_time(date, ‘this’, ‘other’)**

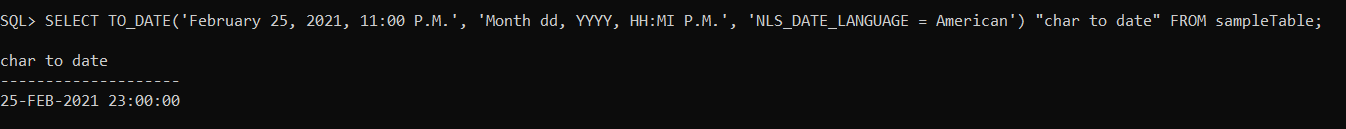


**Conversion functions**

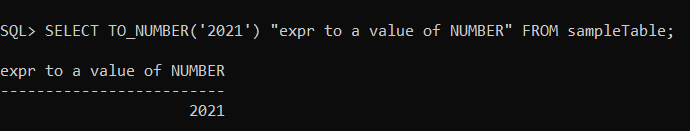
**1. to\_char(date, format)**



**2. to\_date(char,format)**

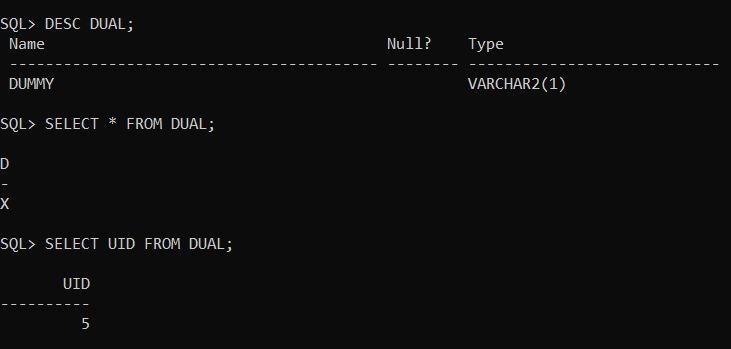


**3. to\_number(char)**

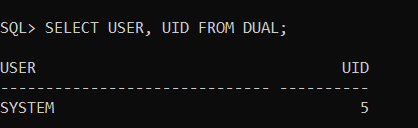


**V. Miscellaneous functions :**

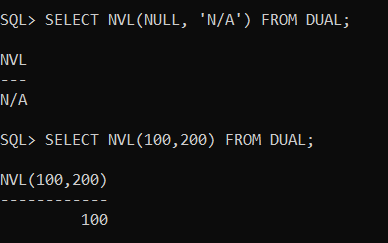
**1. uid**



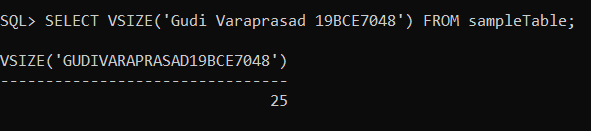
**2. user**



**3. nvl (column name, new value)**

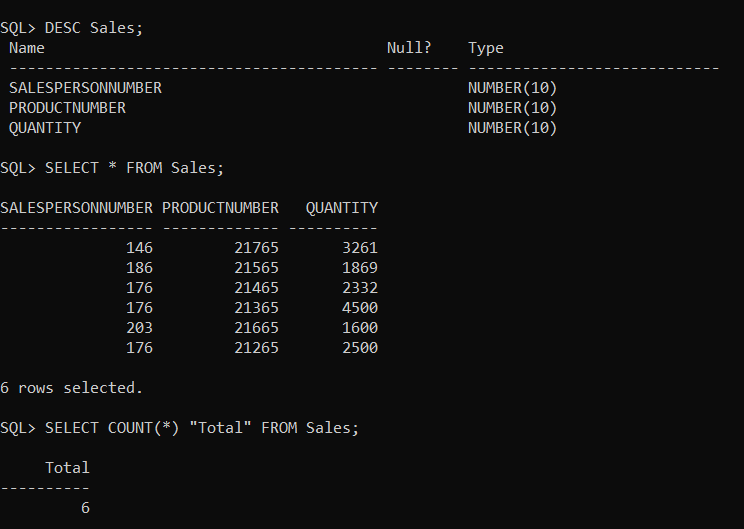


**4. vsize(value)**

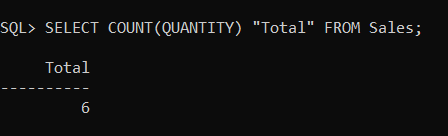


**Group functions**

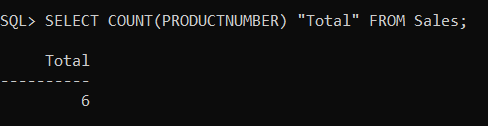
**1.** **count (\*)**



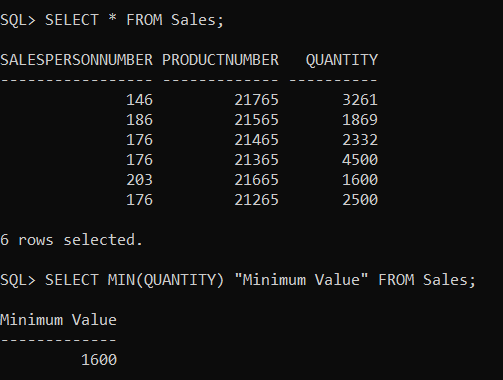
**2.count (column name)**



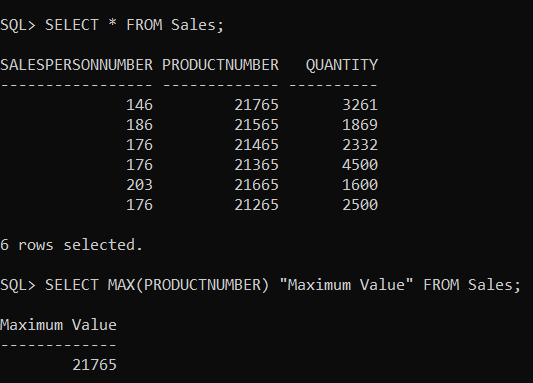
**3. count (distinct column name)**



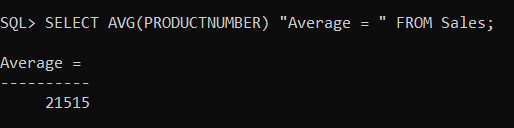
**4. min (column name)**



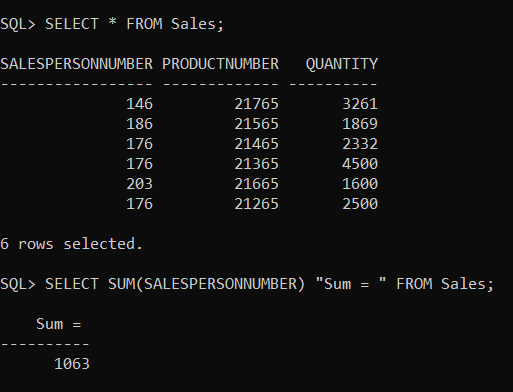
**5. max (column name)**



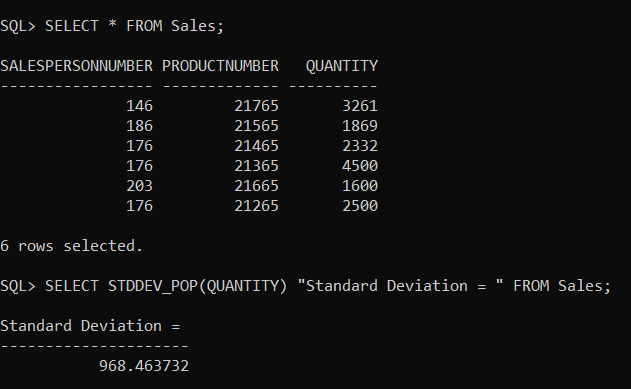
**6. avg (column name)**



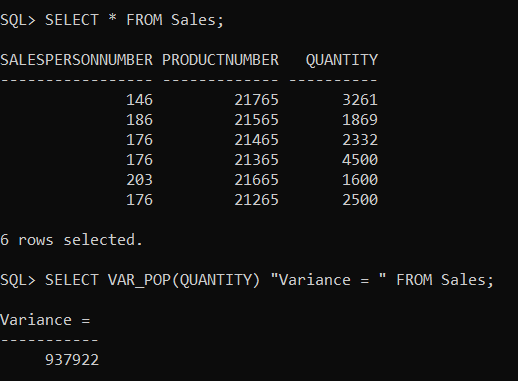
**7. sum (column name)**



**8. stddev\_pop(column name)**



**9. var\_pop(column name)**



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