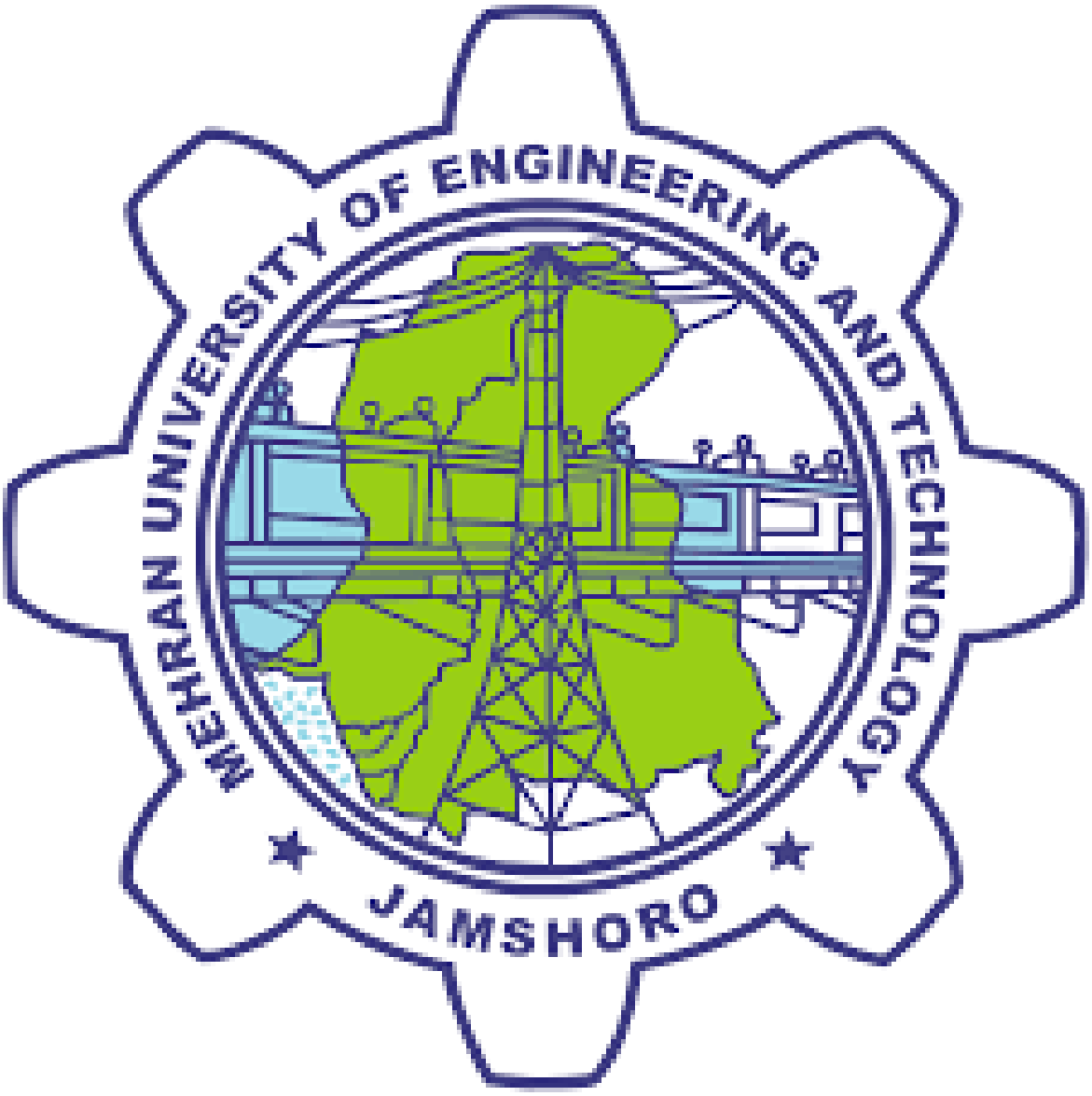
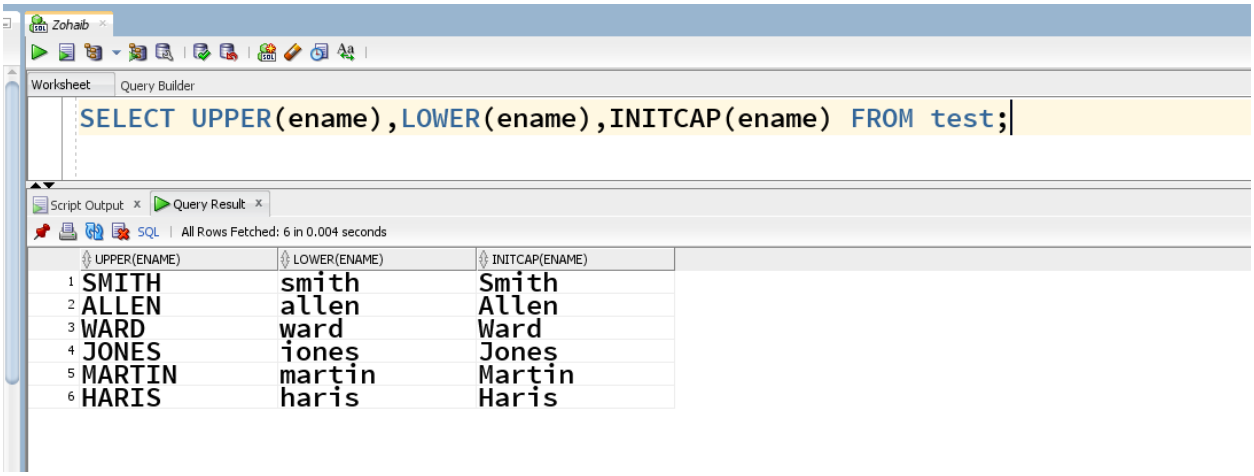
Name: ZOHAIB HASSAN SOOMRO

RollNo#: 19SW42

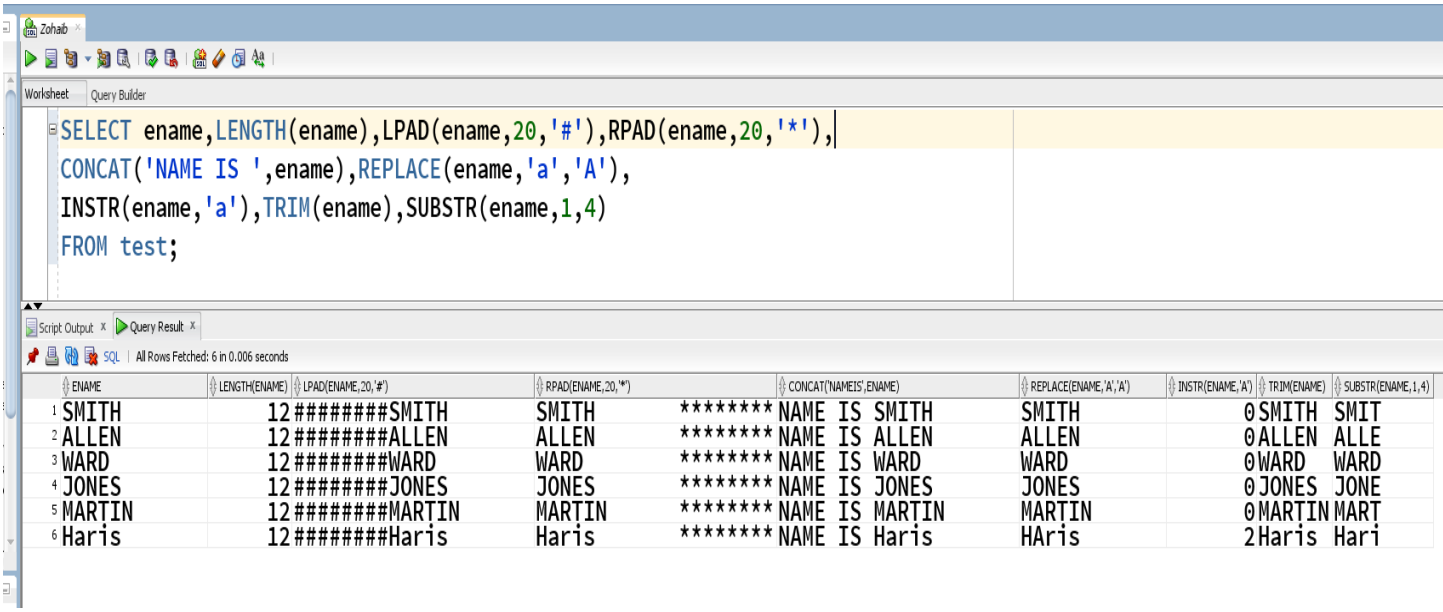
Subject: DBS



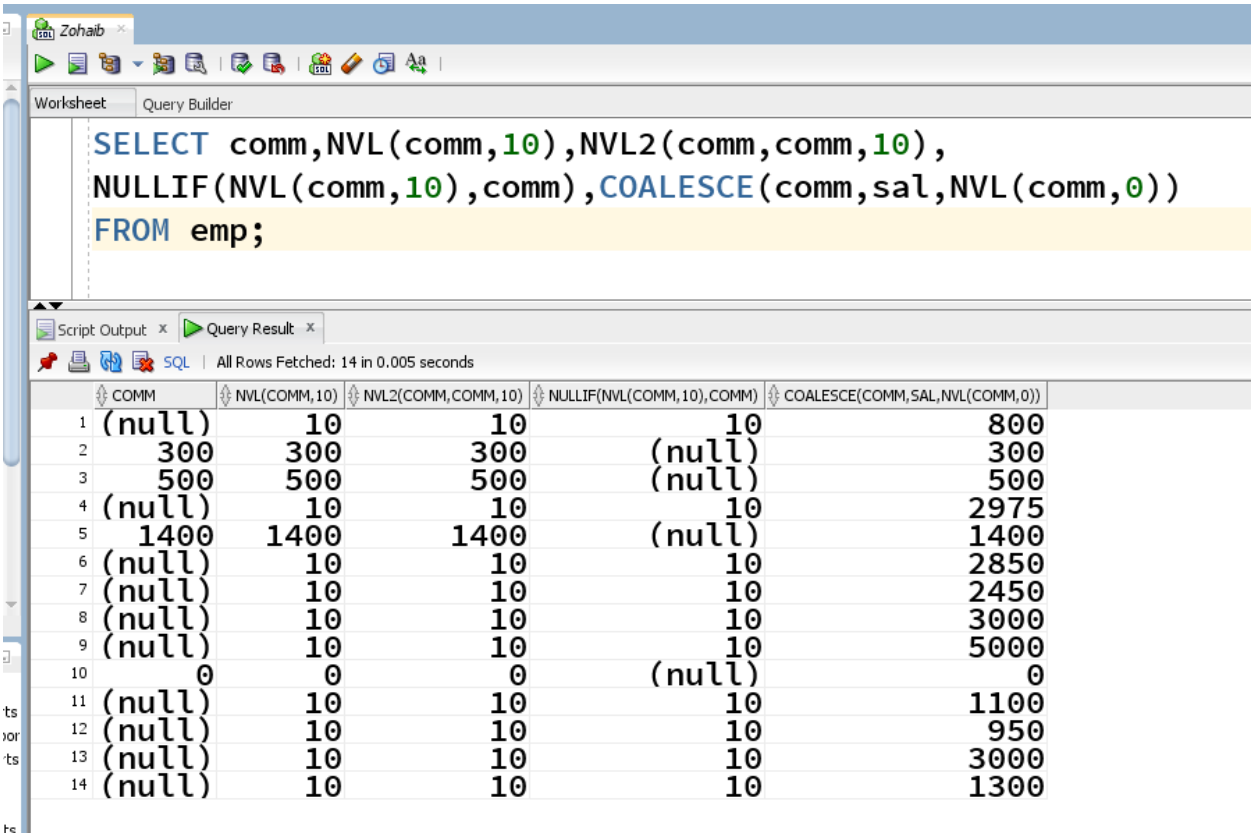
1. Character Case Conversion Example of (UPPER, LOWER, INITCAP):



2. Character Manipulation Example(LENGTH,LPAD,RPAD,CONCAT,REPLACE,INSTR,TRIM,SUBSTR):



3. General Functions Example(NVL,NVL2,NULLIF,COALESCE):

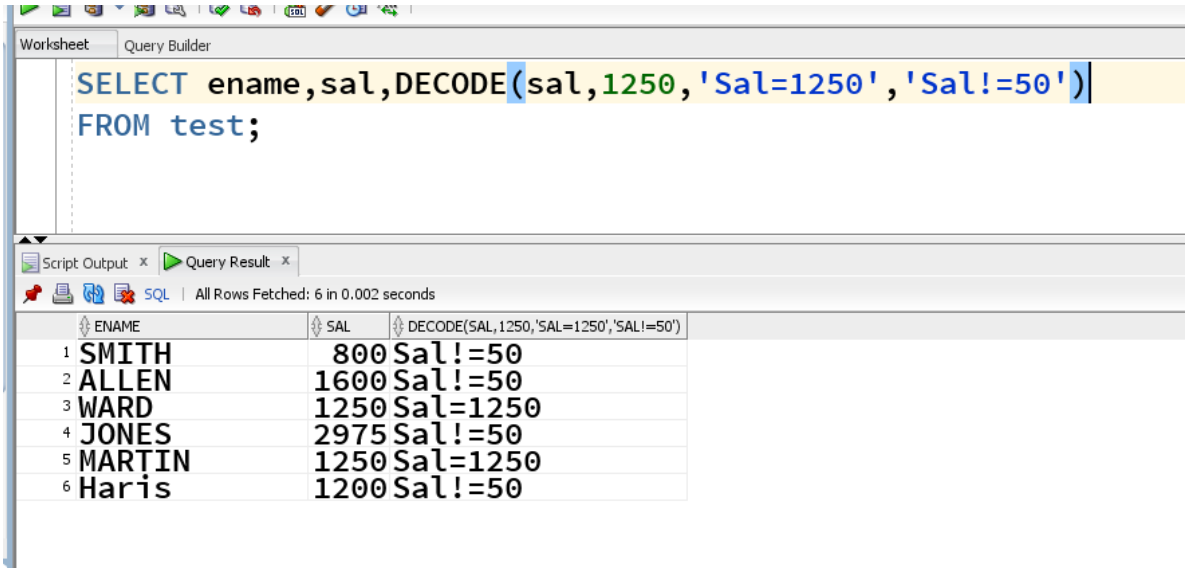


```
SELECT comm,NVL(comm,10),NVL2(comm,comm,10),
NULLIF(NVL(comm,10),comm),COALESCE(comm,sal,NVL(comm,0))
FROM emp;
```

All Rows Fetched: 14 in 0.005 seconds

	COMM	NVL(COMM,10)	NVL2(COMM,COMM,10)	NULLIF(NVL(COMM,10),COMM)	COALESCE(COMM,SAL,NVL(COMM,0))
1	(null)	10	10	10	800
2	300	300	300	(null)	300
3	500	500	500	(null)	500
4	(null)	10	10	10	2975
5	1400	1400	1400	(null)	1400
6	(null)	10	10	10	2850
7	(null)	10	10	10	2450
8	(null)	10	10	10	3000
9	(null)	10	10	10	5000
10	0	0	0	(null)	0
11	(null)	10	10	10	1100
12	(null)	10	10	10	950
13	(null)	10	10	10	3000
14	(null)	10	10	10	1300

4. DECODE FUNCTION EXAMPLE:

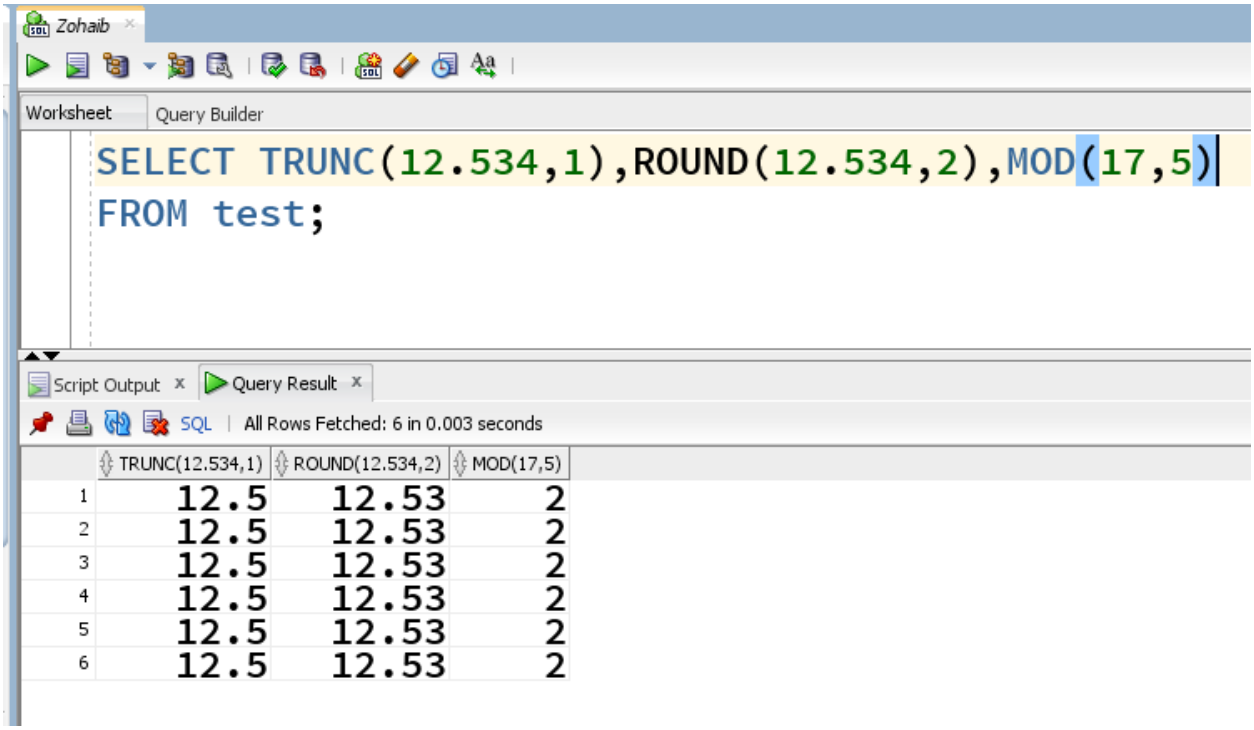


```
SELECT ename,sal,DECODE(sal,1250,'Sal=1250','Sal!=50')
FROM test;
```

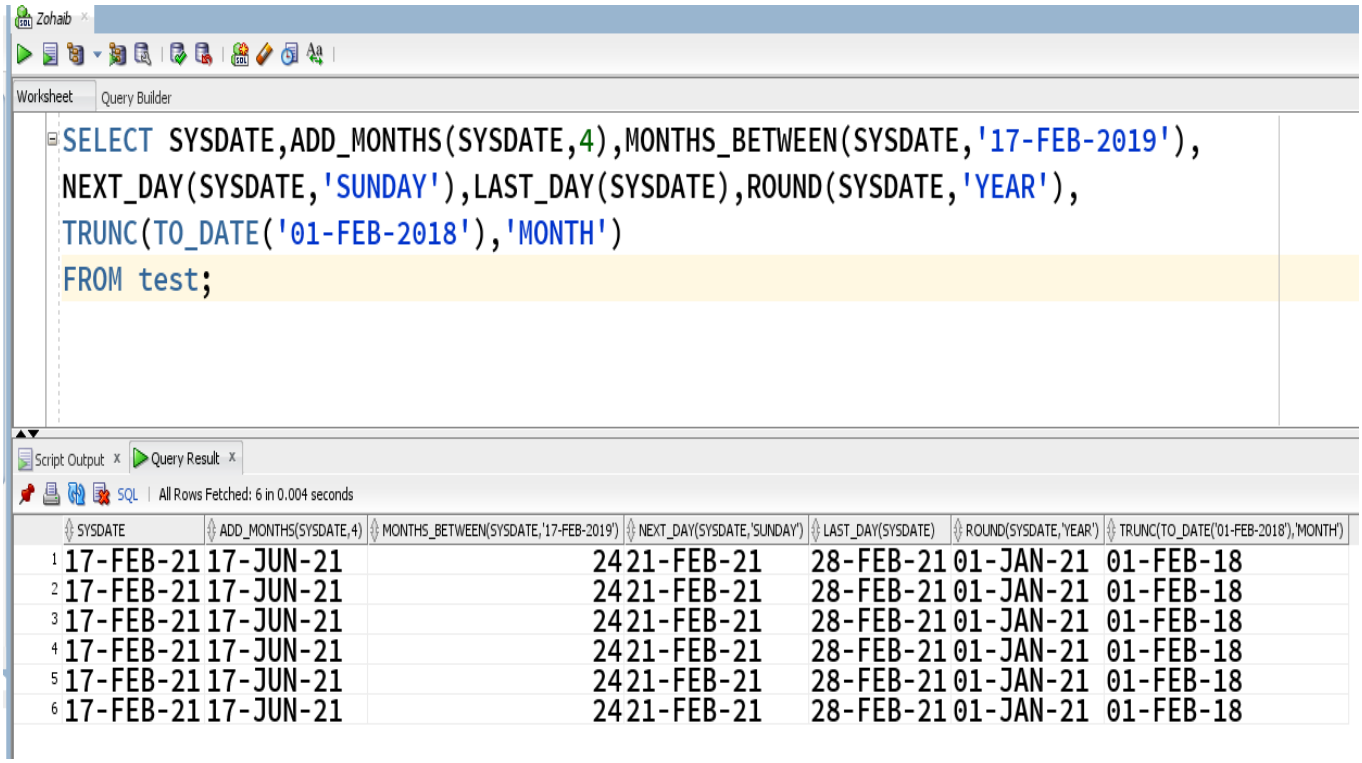
All Rows Fetched: 6 in 0.002 seconds

	ENAME	SAL	DECODE(SAL,1250,'SAL=1250','SAL!=50')
1	SMITH	800	Sal!=50
2	ALLEN	1600	Sal!=50
3	WARD	1250	Sal=1250
4	JONES	2975	Sal!=50
5	MARTIN	1250	Sal=1250
6	Haris	1200	Sal!=50

5. NUMBER FUNCTIONS EXAMPLE(ROUND,MOD,TRUNC):



6. DATE FUNCTIONS EXAMPLE():



7. CONVERSION FUNCTION EXAMPLE(TO_CHAR,TO_NUMBER,TO_DATE):