Exercise:

1. **Create table Flight(F\_id, DoT, DoI, Time, Pass\_name, Source, Destination, Fare)**

SQL>Create table flight(f\_id varchar(10) primary key,dot date,doi date,time varchar(10),pname varchar(25),source varchar(25),destination varchar(25),fare number(10));

Table created.

SQL> desc flight;

Name Null? Type

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F\_ID NOT NULL VARCHAR2(10)

DOT DATE

DOI DATE

TIME VARCHAR2(10)

PNAME VARCHAR2(25)

SOURCE VARCHAR2(25)

DESTINATION VARCHAR2(25)

FARE NUMBER(10)

1. **Insert 5 values**

SQL> insert into flight values('F1','20-August-2019','19-August-2019','15:34:33','Jack','Mumbai','Delhi','10000');

1 row created.

SQL> insert into flight values('F2','22-August-2019','19-August-2019','15:40:33','Black','Delhi','Mumbai','10000');

1 row created.

SQL> insert into flight values('F3','24-August-2019','20August2019','16:00:33','Black','Ahmedabad','Mumbai','90000');

1 row created.

SQL> insert into flight values('F4','28-August-2019','24-August-2019','10:03:35','ShahRukh','Kashmir','Kanyakumari','90000');

1 row created.

SQL> insert into flight values('F5','28-August-2019','25-August-2019','11:43:20','Aatmaram','Ratnagiri','Mumbai','9000');

1 row created.

SQL> select \* from flight;

F\_ID DOT DOI TIME PNAME SOURCE DESTINATION FARE

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F1 20-AUG-19 19-AUG-19 15:34:33 Jack Mumbai Delhi 10000

F2 22-AUG-19 19-AUG-19 15:40:33 Black Delhi Mumbai 10000

F3 24-AUG-19 20-AUG-19 16:00:33 Black Ahmedabad Mumbai 90000

F4 28-AUG-19 24-AUG-19 10:03:35 ShahRukh Kashmir Kanyakumari 90000

F5 28-AUG-19 25-AUG-19 11:43:20 Aatmaram Ratnagiri Mumbai 9000

1. **Display today’s date and time in the prompt.**

SQL> select current\_timestamp from dual;

CURRENT\_TIMESTAMP

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20-AUG-19 03.47.03.277000 PM +05:30

1. **Display the absolute value of -184.**

SQL> select ABS(-184) from dual;

ABS(-184)

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184

1. **Select a value from the dual and for that value find its cube.**

SQL> select Power(3,3)"Power" from dual;

Power

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27

1. **Display the date (doI) 2 months after date of Issue of Ticket.**

SQL> select add\_months(doi,2) as "Added Mon" from flight;

Added Mon

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19-OCT-19

19-OCT-19

20-OCT-19

24-OCT-19

25-OCT-19

1. **Display the last day of month of date of Travel.**

SQL> select Last\_day(dot) as "Last\_day" from flight;

Last\_day

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31-AUG-19

31-AUG-19

31-AUG-19

31-AUG-19

31-AUG-19

1. **Display the month between date of travel and date of Issue.**

SQL> select months\_between(dot,doi) as "between\_months" from flight;

between\_months

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.032258065

.096774194

.129032258

.129032258

.096774194

1. **Display the next occurrence of Monday from the day of Travel.**

SQL> select next\_day(dot,'Monday') from flight;

NEXT\_DAY(

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26-AUG-19

26-AUG-19

26-AUG-19

02-SEP-19

02-SEP-19

26-AUG-19

6 rows selected.

1. **Display the First letter of Pass\_name into capitals.**

SQL> select initcap(pname) from flight;

INITCAP(PNAME)

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Jack

Black

Black

Shahrukh

Aatmaram

1. **Display the Pass\_name into upper case.**

SQL> select upper(pname) from flight;

UPPER(PNAME)

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JACK

BLACK

BLACK

SHAHRUKH

AATMARAM

1. **Display the Destination & source name into Lower case.**

SQL> select lower(source) from flight;

LOWER(SOURCE)

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mumbai

delhi

ahmedabad

kashmir

ratnagiri

SQL> select lower(destination) from flight;

LOWER(DESTINATION)

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delhi

mumbai

mumbai

kanyakumari

mumbai

1. **Display the first 3 characters of the Destination place name.**

SQL> select Rtrim('Delhi','hi') from flight where pname='Jack';

RTR

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Del

SQL> select substr(destination,1,3) from flight;

SUBSTR(DESTI

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Del

Mum

Mum

Kan

Mum

Mum

6 rows selected.

1. **Display the last 3 characters of the Destination place name.**

SQL> select Ltrim('Mumbai','Mum') from flight where pname='Aatmaram';

LTR

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Bai

SQL> select substr(destination,-3) from flight;

SUBSTR(DESTI

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lhi

bai

bai

ari

bai

bai

1. **Display the pass name that begins with ‘m’ and replace with ‘B’.**

SQL> select replace('Milind','M','B') from flight where f\_id='F6';

REPLAC

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Bilind

1. **Display only 3 characters from the 3rd character with names of Source.**

SQL> select substr(source,3,3) from flight;

SUBSTR(SOURC

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mba

lhi

med

shm

tna

lhi

6 rows selected.

1. **Display the rounded value of fare up to 2 characters.**

SQL> select round (10000.3452, 2) "Round" from dual;

Round

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10000.35

1. **Display 20th September 2008 in the date format.**

SQL> select to\_date('20,September,2008') as "Date" from dual;

Date

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20-SEP-08

1. **Display the day truncated up to the year for the DOT in the Flight table.**

SQL> select Extract(YEAR from dot) from flight;

EXTRACT(YEARFROMDOT)

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2019

2019

2019

2019

2019

2019

2019

7 rows selected.

1. **Take DOT as input and display the output like “my travel Date is \_\_\_\_\_\_”.**

SQL> select concat('My travel date is ',dot) from flight;

CONCAT('MYTRAVELDATEIS',DOT)

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My travel date is 20-AUG-19

My travel date is 22-AUG-19

My travel date is 24-AUG-19

My travel date is 28-AUG-19

My travel date is 28-AUG-19

My travel date is 22-AUG-19

My travel date is 20-AUG-19

7 rows selected.