EX NO:7   **SIMPLE PL/SQL PROGRAMS**

WTIH CONTROL STRUCTURE

DATE : 23.03.2023

AIM:

      To work with simple SQL programs with control structures for banking database management**.**

PROCEDURE:

    Step 1:   Start .

    Step 2:   Initialize the necessary variables.

    Step 3:   Invoke with the row type condition to get the from and to of the customer journey.

    Step 4:   Execute the statements.

    Step 5:   Stop.

CODING:

insert into login values('127','vishnu Kumar','vishnu')

insert into login values('123','sanjeeth','san')

insert into login values('122','saffryn Timothy','saffryn')

insert into login values('126','vikram Ganesh','ganesh')

insert into login values('124','Subbiah','subbu')

select * from login;

USERID	USERNAME	USERPDW
124	Subbiah	subbu
127	vishnu Kumar	vishnu
123	sanjeeth	san
126	vikram Ganesh	ganesh
122	saffryn Timothy	saffryn

insert into userdetails values('Vishnu Kumar',20,'Male',8124892793,'7613-1860','127','10');

insert into userdetails values('Sanjeeth',20,'Male',9477340738,'4326-1324','123','11');

insert into userdetails values('Saffryn Timothy',20,'Male',9941243549,'9084-5622','122','12');

insert into userdetails values('vikram Ganesh',20,'Male',9773213324,'4873-4734','126','13');

insert into userdetails values('Subbiah',20,'Male',8097213363,'7843-2436','124','14');

select * from userdetails;

USERNAME	AGE	GENDER	MOBILENO	AUTHENTICATIONPROOF	USERID	TICKETNO
Sanjeeth	20	Male	9477340738	4326-1324	123	11
Saffryn Timothy	20	Male	9941243549	9084-5622	122	12
vikram Ganesh	20	Male	9773213324	4873-4734	126	13
Subbiah	20	Male	8097213363	7843-2436	124	14
Vishnu Kumar	20	Male	8124892793	7613-1860	127	10

insert into ticket values('10','Madurai','trichy','30/05/2023','Vaigai Express','1','s11');

insert into ticket values('11','Madurai','Chennai','30/05/2023','Vaigai Express','2','s11');

insert into ticket values('12','Madurai','kancheepuram','30/05/2023','Vaigai Express','3','s11');

insert into ticket values('13','Madurai','villupuram','30/05/2023','Vaigai Express','4','s11');

insert into ticket values('14','Madurai','thambaram','30/05/2023','Vaigai Express','5','s11');

select * from ticket;

TICKETNO	JOURNEYSTART	JOURNEYEND	DATEOFJOURNEY	TRAINDETAILS	SEAT_NO	COMPARTMENT_NO
13	Madurai	villupuram	30/05/2023	Vaigai Express	4	s11
12	Madurai	kancheepuram	30/05/2023	Vaigai Express	3	s11
10	Madurai	trichy	30/05/2023	Vaigai Express	1	s11
11	Madurai	Chennai	30/05/2023	Vaigai Express	2	s11
14	Madurai	thambaram	30/05/2023	Vaigai Express	5	s11

FOR MY RAILWAY PROGRAM:

CHECK FOR THE SEAT AND COMPARTMENT NUMBER:

```
SET SERVEROUTPUT ON;

DECLARE

Ticket_no varchar(5);

com_no varchar(10);

seat_no varchar(10);

BEGIN

dbms_output.put_line('Enter Your Ticket Number: ');

Ticket_no:=&Ticket_no;

select compartment_no into com_no from ticket where ticketno=Ticket_no;

select seat_no into seat_no from ticket where ticketno=Ticket_no;

dbms_ouptut.put_line('Comparment Number: '||com_no);

dbms_ouptut.put_line('Seat Number: '||seat_no);

end;

/
```

```
 anonyms block completed
 Enter Your Ticket Number:
 Compartment Number: s11
 Seat Number:1
```

CHECK FOR THE SEAT AND COMPARTMENT NUMBER USING ROWTYPE:

sql>SET SERVEROUTPUT ON;

DECLARE

Ticket_no varchar(5);

st varchar(10);

des varchar(10);

x ticket%ROWTYPE;

BEGIN

dbms_output.put_line('Enter Your Ticket Number: ');

Ticket_no:=&Ticket_no;

select * into x from ticket where ticketno=Ticket_no;

st:=x.journeystart;

des:=x.journeyend;

dbms_ouptut.put_line('Journey Details');

dbms_ouptut.put_line('From: '||st);

dbms_ouptut.put_line('to: '||des);

end;

/

```
anonyms block completed
Enter Your Ticket Number:
Journey Details
From: Madurai
to:trichy
```

Parameter	Marks
Total(25)	

RESULT:

The SQL Complex Query for employee management has been successful.