1. IF ELSE

do $$

declare

selected\_user userdetails%rowtype;

status varchar(50);

begin

select \* from userdetails into selected\_user where userid = 8;

if not found then

raise notice 'Not found';

else

status:='Not found'; raise notice 'Message : %', selected\_user;

end if;

end $$;

1. CASE

do $$

declare selected userdetails.userid%type;

begin

select \* into selected from userdetails where userid>6;

if found then

case selected

when 6 then raise notice 'USER ID is 6';

when 7 then raise notice 'USER ID is 7';

else raise notice 'Not found';

end case;

end if;

end $$;

NOTICE: USER ID is 7

1. While

do $$

declare counter integer := 0;

begin

while counter<10 loop

raise notice 'Counter %', counter;

counter:=counter+1;

end loop;

end $$;

1. For In

do $$

begin

for counter in 1..10 loop

raise notice 'COunter %', counter;

end loop;

end $$;

NOTICE: COunter 1

NOTICE: COunter 2

NOTICE: COunter 3

NOTICE: COunter 4

NOTICE: COunter 5

NOTICE: COunter 6

NOTICE: COunter 7

NOTICE: COunter 8

NOTICE: COunter 9

NOTICE: COunter 10

1. Exit and Continue

do $$

declare counter integer :=0;

begin

while counter < 5 loop

counter:=counter+1;

exit when counter > 10;

continue when counter=2;

raise notice 'Counter : %', counter;

end loop;

end $$;

NOTICE: Counter : 1

NOTICE: Counter : 3

NOTICE: Counter : 4

NOTICE: Counter : 5

1. Functions

CREATE FUNCTION cities()

returns table(cityid INT, cityname VARCHAR(50))

language plpgsql

AS $$

BEGIN

return query

select userid, usercity from userdetails where usercity='Mumbai';

end;

$$;

1. create procedure fetchdata()

language plpgsql

as $$

begin

UPDATE userdetails SET usercity = 'JAIPUR' WHERE userid=10;

SELECT \* FROM useretails WHERE userid=10;

end;

$$;