

1. addition function

create or replace function add_n(a int ,b int)

returns int

as \$\$

begin

return a+b;

end;

\$\$

language plpgsql;

>>>

select add_n(40,900);

2. count row from table

create or replace function total_orders()

returns int

as \$\$

declare total integer;

begin

select count(*) into total from orders;

return total;

end;

\$\$

language plpgsql;

>>>>

select total_orders();

3. add number with declare variable

create or replace function add_n(a int ,b int)

returns int

as \$\$

declare

c int;

begin

c=a+b;

return c;

end;

\$\$

language plpgsql;

>>

select add_n(69,31);

4. salary column extract

create or replace function num8()

returns table (first_name varchar,creditlimit numeric)

as \$\$

begin

return query select customers.first_name,customers.creditlimit from
public.customers;

end;

\$\$

language plpgsql;

5. create function to create table

create or replace function create_table1()

returns table(id int, name varchar(20)) as \$\$

begin

create table if not exists test1(id int, name varchar(20));

return query select * from test1;

end;

\$\$

language plpgsql;

select * from create_table1();

****select create_table1();**

****table test1;**

6. insert into table using function

create or replace function insert_into_table(a int,b text)

returns table (id int,name text) as \$\$

begin

insert into public.student9(id,name) values (a,b);

end;

\$\$

language plpgsql;

select insert_into_table(1,'sarvesh');

update into table

create or replace function update_table_name(a text,b int)

returns table (name text,id int) as \$\$

begin

update student9 set name=a where student9.id=b;

end;

\$\$

language plpgsql;

select update_table_name('Prathmesh',4);

##delete from table using function

create or replace function delete_from_table(a int)

returns table (id int) as \$\$

begin

delete from student9 where student9.id=a;

end;

\$\$

language plpgsql;

```
select delete_from_table(3);
```

```
*****create procedure *****
```

```
create or replace procedure create_table()
```

```
language 'plpgsql'
```

```
as $$
```

```
begin
```

```
create table test(id int, name varchar(30));
```

```
commit;
```

```
end;
```

```
$$
```

```
call create_table();
```

```
table test;
```

```
*** insert procedure
```

```
create or replace procedure insert_table(int, varchar(30))
```

```
language 'plpgsql'
```

```
as $$
```

```
begin
```

```
insert into test(id,name) values ($1,$2);
```

```
commit;
```

end;

\$\$

call insert_table(1,'rahul');

table test;