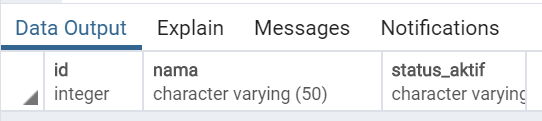
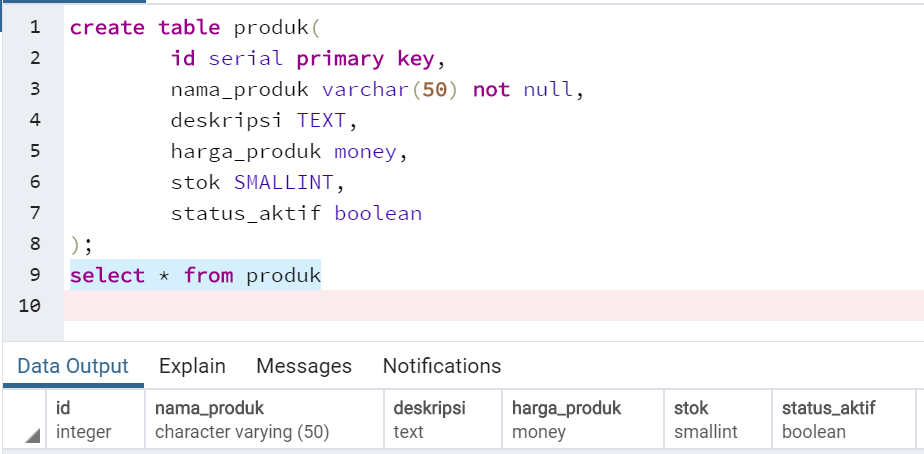
1. **Create table kategori**

|  |
| --- |
| create table kategori(  id serial primary key,  nama varchar(50),  status\_aktif varchar(20)  );  select \* from produk |



1. Create table produk

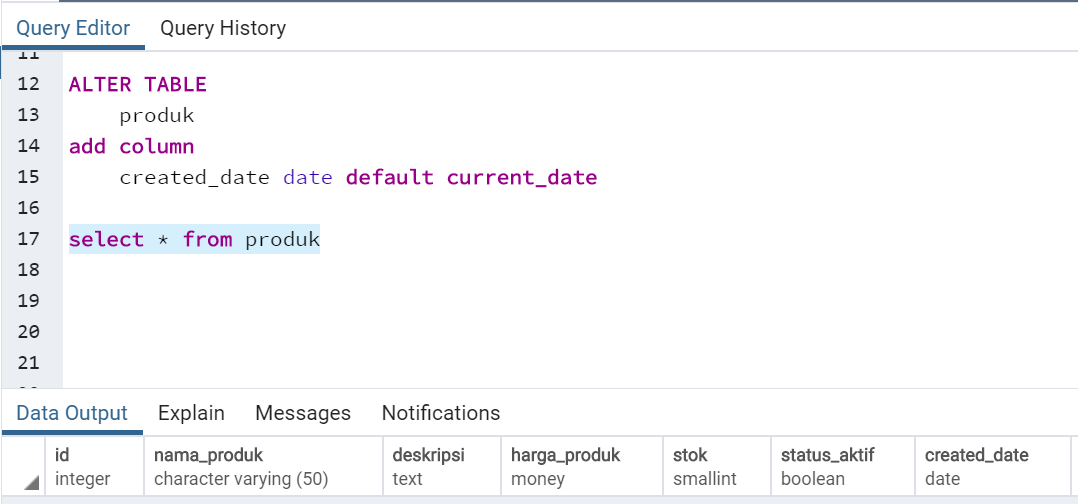
|  |
| --- |
| create table produk(  id serial primary key,  nama\_produk varchar(50) not null,  deskripsi TEXT,  harga\_produk money,  stok SMALLINT,  status\_aktif boolean  );  select \* from produk |



1. Alter table

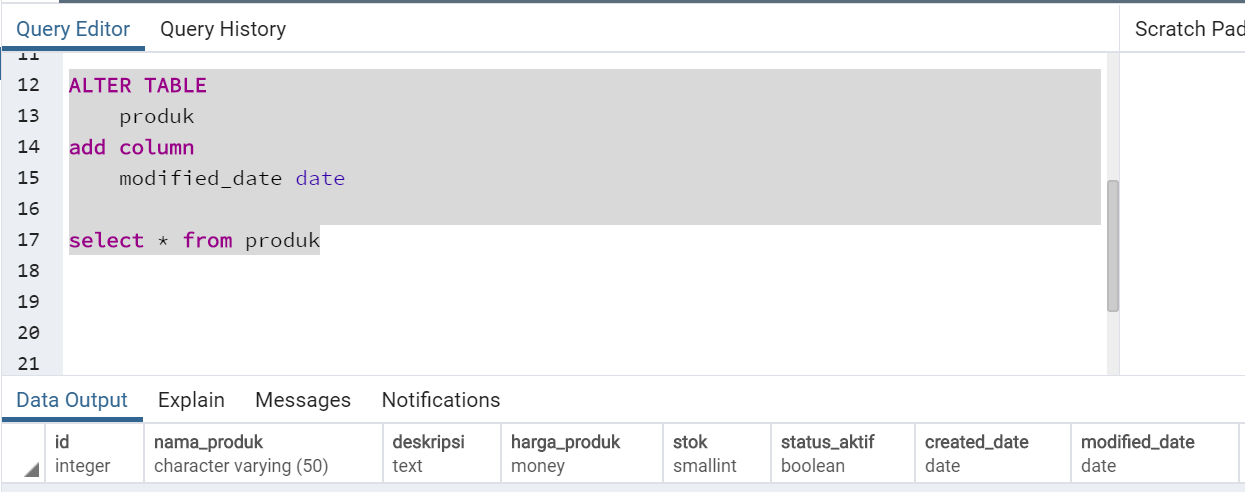
* Created\_date

|  |
| --- |
| ALTER TABLE  produk  add column  created\_date date default current\_date    select \* from produk; |
|  |



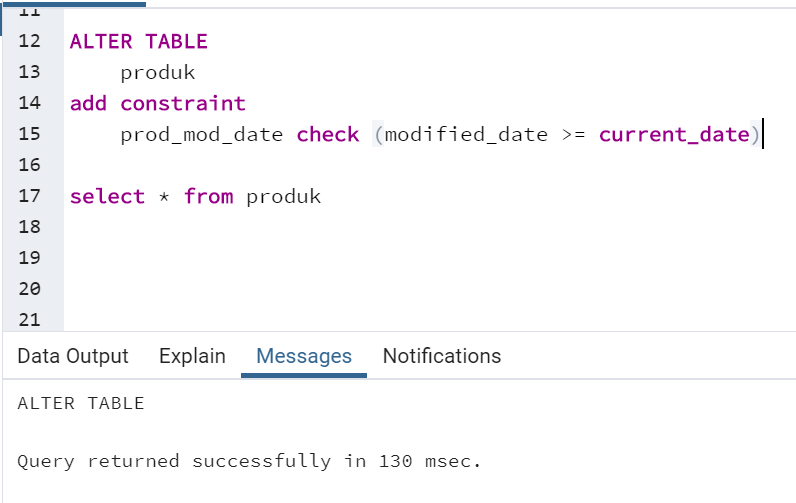
* Modified\_date

|  |
| --- |
| ALTER TABLE  produk  add column  modified\_date date    select \* from produk |



* Add constraint

|  |
| --- |
| ALTER TABLE  produk  add constraint  prod\_mod\_date check (modified\_date >= current\_date) |



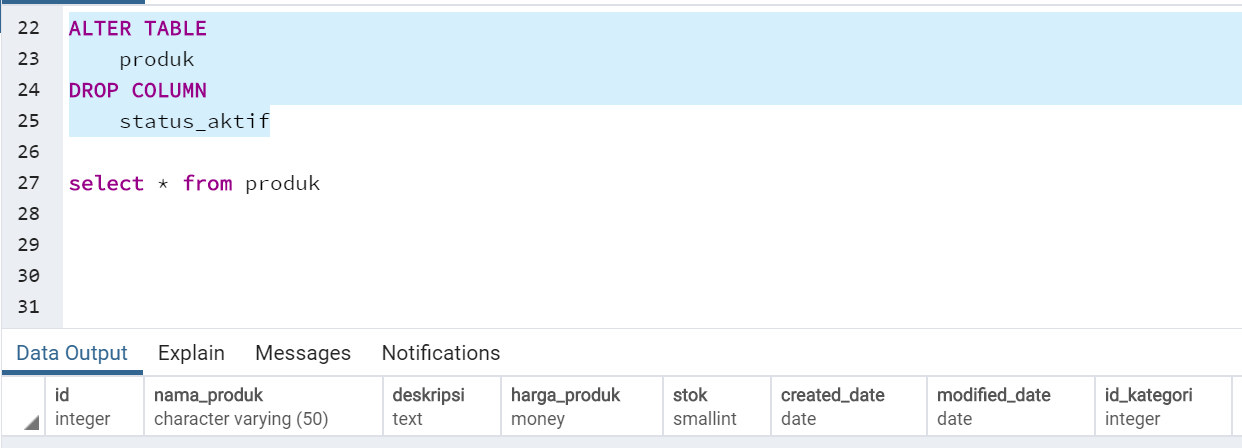
* Id\_kategori

|  |
| --- |
| ALTER TABLE  produk  add column  id\_kategori int REFERENCES kategori(id) |



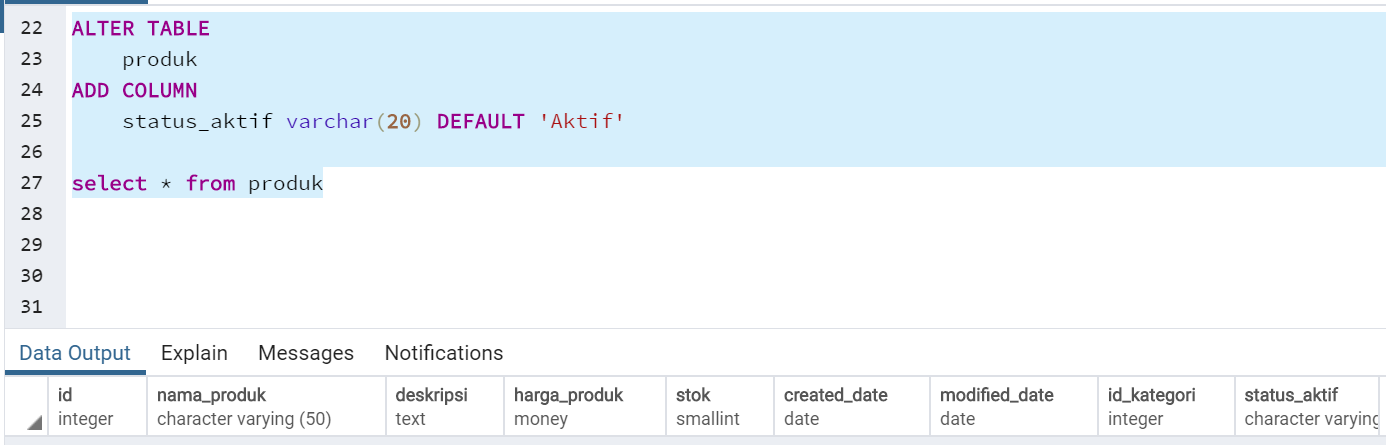
* Drop Status Aktif

|  |
| --- |
| ALTER TABLE  produk  DROP COLUMN  status\_aktif |

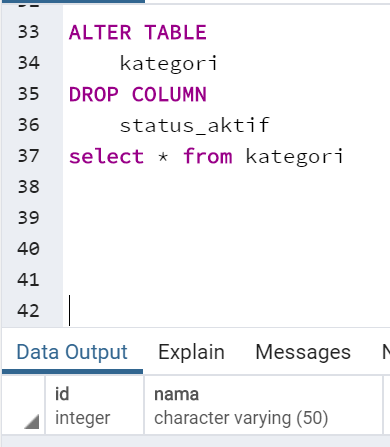


* Add status\_aktif default ‘Aktif’

|  |
| --- |
| ALTER TABLE  produk  ADD COLUMN  status\_aktif varchar(20) DEFAULT 'Aktif'    select \* from produk |

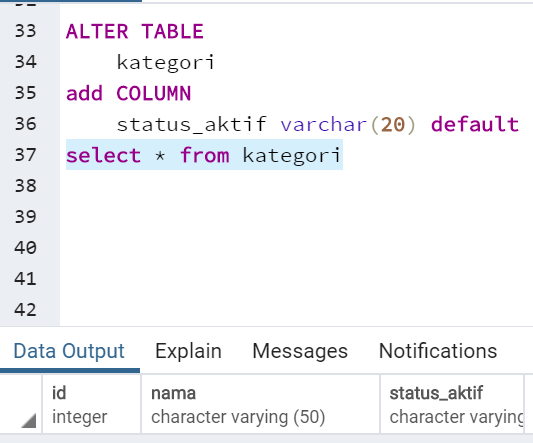


|  |
| --- |
| ALTER TABLE  kategori  DROP COLUMN  status\_aktif |



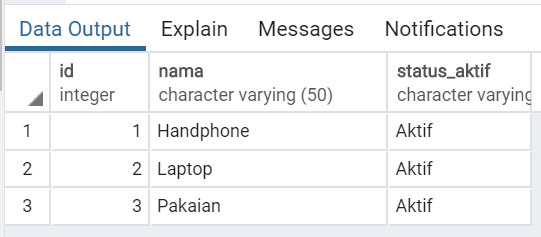
* add column

|  |
| --- |
| ALTER TABLE  kategori  add COLUMN  status\_aktif varchar(20) default 'Aktif'  select \* from kategori |



* Insert Data Kategori

|  |
| --- |
| insert into kategori(  nama  )values  ('Handphone'),  ('Laptop'),  ('Pakaian')  select \* from kategori |



1. Inner Join
   1. Inner join

|  |
| --- |
| select  p.nama\_produk,  p.harga\_produk,  k.nama,  k.status\_aktif  from produk as p  inner join kategori k on (k.id= p.id\_kategori)  where k.status\_aktif = 'Aktif' |

