gallery=# insert into artist values('a1','john','neumann','john@gmail.com',123098765,'Female','#432,Langer street,London");

gallery'# ');

ERROR: invalid input syntax for type integer: "Female"

LINE 1: ...('a1','john','neumann','john@gmail.com',123098765,'Female','...

^

gallery=# insert into artist values('a2','joanne','','wagner','joanne@gmail.com',7893209842,'Female','#52,Baker street,LA');

ERROR: integer out of range

gallery=# insert into artist values('a2','joanne','','wagner','joanne@gmail.com',3456123987,'Female','#52,Baker street,LA');

ERROR: integer out of range

gallery=# insert into artist values('a2','joanne','','wagner','joanne@gmail.com',7893209842,'Female','#52,Baker street,LA');

ERROR: integer out of range

gallery=# alter table artist

gallery-# alter column a\_ph\_no type numeric;

ALTER TABLE

gallery=# alter table customer

gallery-# alter column c\_ph\_no type numeric;

ALTER TABLE

gallery=# alter table employee

gallery-# alter column e\_ph\_no type numeric;

ERROR: column "e\_ph\_no" of relation "employee" does not exist

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | 'None'::character varying | extended | |

e\_fname | character varying(30) | | not null | 'None'::character varying | extended | |

e\_mname | character varying(30) | | | | extended | |

e\_lname | character varying(30) | | not null | 'None'::character varying | extended | |

date\_of\_join | date | | not null | CURRENT\_DATE | plain | |

e\_gender | character varying(6) | | | 'None'::character varying | extended | |

e\_dob | date | | not null | CURRENT\_DATE | plain | |

e\_age | integer | | not null | 0 | plain | |

d\_no | integer | | not null | 0 | plain | |

e\_salary | double precision | | not null | 0.0 | plain | |

e\_address | character varying(100) | | | 'None'::character varying | extended | |

Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

Check constraints:

"int" CHECK (e\_age >= 18)

Access method: heap

gallery=# alter table employee add E\_ph\_no numeric not null unique default 000000;

ALTER TABLE

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | 'None'::character varying | extended | |

e\_fname | character varying(30) | | not null | 'None'::character varying | extended | |

e\_mname | character varying(30) | | | | extended | |

e\_lname | character varying(30) | | not null | 'None'::character varying | extended | |

date\_of\_join | date | | not null | CURRENT\_DATE | plain | |

e\_gender | character varying(6) | | | 'None'::character varying | extended | |

e\_dob | date | | not null | CURRENT\_DATE | plain | |

e\_age | integer | | not null | 0 | plain | |

d\_no | integer | | not null | 0 | plain | |

e\_salary | double precision | | not null | 0.0 | plain | |

e\_address | character varying(100) | | | 'None'::character varying | extended | |

e\_ph\_no | numeric | | not null | 0 | main | |

Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

Access method: heap

gallery=# insert into artist values('a2','joanne','','wagner','joanne@gmail.com',7893209842,'Female','#52,Baker street,LA');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+---------+---------+---------+------------------+------------+----------+---------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

(2 rows)

gallery=# insert into artist values('a3','karen','jane','baker','karen@gmail.com',1236894985,'Female','#52,Runner street,Moscow');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+---------+---------+---------+------------------+------------+----------+---------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

(3 rows)

gallery=# insert into artist values('a4','deekshitha','','sharma','deekshitha@gmail.com',9808832877,'Male','#852,Red Fort street,Delhi');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+------------+---------+---------+----------------------+------------+----------+----------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

a4 | deekshitha | | sharma | deekshitha@gmail.com | 9808832877 | Male | #852,Red Fort street,Delhi

(4 rows)

gallery=# alter table artist

gallery-# delete from artist where a\_id='a4';

ERROR: syntax error at or near "delete"

LINE 2: delete from artist where a\_id='a4';

^

gallery=# delete from artist where a\_id='a4';

DELETE 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+---------+---------+---------+------------------+------------+----------+---------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

(3 rows)

gallery=# insert into artist values('a4','deekshitha','','sharma','deekshitha@gmail.com',9808832877,'Female','#852,Red Fort street,Delhi');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+------------+---------+---------+----------------------+------------+----------+----------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

a4 | deekshitha | | sharma | deekshitha@gmail.com | 9808832877 | Female | #852,Red Fort street,Delhi

(4 rows)

gallery=# insert into artist values('a5','seema','singha','fernandes','seema@gmail.com',2316548790,'Female','#673,Booker street,NYC');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+------------+---------+-----------+----------------------+------------+----------+----------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

a4 | deekshitha | | sharma | deekshitha@gmail.com | 9808832877 | Female | #852,Red Fort street,Delhi

a5 | seema | singha | fernandes | seema@gmail.com | 2316548790 | Female | #673,Booker street,NYC

(5 rows)

gallery=# insert into artist values('a6','kevin','thomas','mathew','kevin@gmail.com',9846380932,'Female','#993,MG Road,Bangalore');

INSERT 0 1

gallery=# delete from artist where a\_id='a5';

DELETE 1

gallery=# insert into artist values('a6','kevin','thomas','mathew','kevin@gmail.com',9846380932,'Male','#993,MG Road,Bangalore');

ERROR: duplicate key value violates unique constraint "artist\_pkey"

DETAIL: Key (a\_id)=(a6) already exists.

gallery=# insert into artist values('a5','seema','singha','fernandes','seema@gmail.com',2316548790,'Female','#673,Booker street,NYC');

INSERT 0 1

gallery=# delete from artist where a\_id='a6';

DELETE 1

gallery=# insert into artist values('a6','kevin','thomas','mathew','kevin@gmail.com',9846380932,'Male','#993,MG Road,Bangalore');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+------------+---------+-----------+----------------------+------------+----------+----------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

a4 | deekshitha | | sharma | deekshitha@gmail.com | 9808832877 | Female | #852,Red Fort street,Delhi

a5 | seema | singha | fernandes | seema@gmail.com | 2316548790 | Female | #673,Booker street,NYC

a6 | kevin | thomas | mathew | kevin@gmail.com | 9846380932 | Male | #993,MG Road,Bangalore

(6 rows)

gallery=# insert into artist values('a7','karen','diane','jensen','emma@gmail.com',2319028790,'Female','#9832,Bandra,Mumbai');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+------------+---------+-----------+----------------------+------------+----------+----------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

a4 | deekshitha | | sharma | deekshitha@gmail.com | 9808832877 | Female | #852,Red Fort street,Delhi

a5 | seema | singha | fernandes | seema@gmail.com | 2316548790 | Female | #673,Booker street,NYC

a6 | kevin | thomas | mathew | kevin@gmail.com | 9846380932 | Male | #993,MG Road,Bangalore

a7 | karen | diane | jensen | emma@gmail.com | 2319028790 | Female | #9832,Bandra,Mumbai

(7 rows)

gallery=# insert into artist values('a8','Edward','willis','jensen','edward@gmail.com',9856341209,'Male','#983,langdon town,seoul');

INSERT 0 1

gallery=# select \* from artist;

a\_id | a\_fname | a\_mname | a\_lname | a\_email | a\_ph\_no | a\_gender | a\_address

------+------------+---------+-----------+----------------------+------------+----------+----------------------------

a1 | john | von | neumann | john@gmail.com | 123098765 | Male | #432,Langer street,London

a2 | joanne | | wagner | joanne@gmail.com | 7893209842 | Female | #52,Baker street,LA

a3 | karen | jane | baker | karen@gmail.com | 1236894985 | Female | #52,Runner street,Moscow

a4 | deekshitha | | sharma | deekshitha@gmail.com | 9808832877 | Female | #852,Red Fort street,Delhi

a5 | seema | singha | fernandes | seema@gmail.com | 2316548790 | Female | #673,Booker street,NYC

a6 | kevin | thomas | mathew | kevin@gmail.com | 9846380932 | Male | #993,MG Road,Bangalore

a7 | karen | diane | jensen | emma@gmail.com | 2319028790 | Female | #9832,Bandra,Mumbai

a8 | Edward | willis | jensen | edward@gmail.com | 9856341209 | Male | #983,langdon town,seoul

(8 rows)

gallery=# \d customer;

Table "public.customer"

Column | Type | Collation | Nullable | Default

-----------+------------------------+-----------+----------+---------------------------

c\_id | character varying(30) | | not null | 'None'::character varying

c\_fname | character varying(30) | | not null | 'None'::character varying

c\_mname | character varying(30) | | |

c\_lname | character varying(30) | | not null | 'None'::character varying

c\_email | character varying(30) | | not null | 'None'::character varying

c\_ph\_no | numeric | | not null | 0

c\_gender | character varying(6) | | | 'None'::character varying

c\_address | character varying(100) | | |

Indexes:

"customer\_pkey" PRIMARY KEY, btree (c\_id)

"customer\_c\_email\_key" UNIQUE CONSTRAINT, btree (c\_email)

"customer\_c\_ph\_no\_key" UNIQUE CONSTRAINT, btree (c\_ph\_no)

Referenced by:

TABLE "instalments" CONSTRAINT "instalments\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

TABLE "painting" CONSTRAINT "painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

gallery=# insert into customer values('c1','maddie',,'gomez','maddie@hotmail.com',1239087569,,'#583,street2,alabama');

ERROR: syntax error at or near ","

LINE 1: insert into customer values('c1','maddie',,'gomez','maddie@h...

^

gallery=# insert into customer values('c1','maddie',NULL,'gomez','maddie@hotmail.com',1239087569,'Female');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+--------------------+------------+----------+-----------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

(1 row)

gallery=# insert into customer values('c2','niels','atom','bohr','niel@hotmail.com',90837322284,,'#583,street2,alabama');

ERROR: syntax error at or near ","

LINE 1: ...els','atom','bohr','niel@hotmail.com',90837322284,,'#583,str...

^

gallery=# insert into customer(c\_id,c\_fname,c\_mname,c\_lname,c\_email,c\_ph\_no,c\_gender,c\_address) values('c2','niels','atom','bohr','niel@hotmail.com',90837322284,,'#583,street2,alabama');

ERROR: syntax error at or near ","

LINE 1: ...els','atom','bohr','niel@hotmail.com',90837322284,,'#583,str...

^

gallery=# insert into customer(c\_id,c\_fname,c\_mname,c\_lname,c\_email,c\_ph\_no,c\_gender,c\_address) values('c2','niels','atom','bohr','niel@hotmail.com',90837322284,'#583,street2,alabama');

ERROR: INSERT has more target columns than expressions

LINE 1: ...,c\_fname,c\_mname,c\_lname,c\_email,c\_ph\_no,c\_gender,c\_address)...

^

gallery=# insert into customer(c\_id,c\_fname,c\_mname,c\_lname,c\_email,c\_ph\_no,c\_gender,c\_address) values('c2','niels','atom','bohr','niel@hotmail.com',90837322284,'Male','#583,street2,alabama');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+--------------------+-------------+----------+----------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

(2 rows)

gallery=# insert into customer values('c3','ariana','grande','butera','thunderbolt@gmail.com',9879459654,'Male','#545,7th street,NewJersey');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+-----------------------+-------------+----------+---------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

(3 rows)

gallery=# insert into customer values('c4','anamika','','khan','ihave\_marks@gmail.com',8597868465,'Female','#420,Church street,NewYork');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+-----------------------+-------------+----------+----------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork

(4 rows)

gallery=# insert into customer values('c5','james','','bond','born\_to\_kill@hotmail.com',7963559895,'Female','#347,ChorBazar street,Madrid');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+--------------------------+-------------+----------+------------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork

c5 | james | | bond | born\_to\_kill@hotmail.com | 7963559895 | Female | #347,ChorBazar street,Madrid

(5 rows)

gallery=#

gallery=# insert into customer values('c6','jengis','','khan','cake\_murderer@hotmail.com',9796689656,'Male','');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+---------------------------+-------------+----------+------------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork

c5 | james | | bond | born\_to\_kill@hotmail.com | 7963559895 | Female | #347,ChorBazar street,Madrid

c6 | jengis | | khan | cake\_murderer@hotmail.com | 9796689656 | Male |

(6 rows)

gallery=# insert into customer values('c5','james','','bond','born\_to\_kill@hotmail.com',7963559895,'Female','');

ERROR: duplicate key value violates unique constraint "customer\_pkey"

DETAIL: Key (c\_id)=(c5) already exists.

gallery=#

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+---------+---------+---------+---------------------------+-------------+----------+------------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork

c5 | james | | bond | born\_to\_kill@hotmail.com | 7963559895 | Female | #347,ChorBazar street,Madrid

c6 | jengis | | khan | cake\_murderer@hotmail.com | 9796689656 | Male |

(6 rows)

gallery=# insert into customer values('c6','jengis','','khan','cake\_murderer@hotmail.com',9796689656);

ERROR: duplicate key value violates unique constraint "customer\_pkey"

DETAIL: Key (c\_id)=(c6) already exists.

gallery=# insert into customer values('c7','jengis','','khan','cake\_murderer@hotmail.com',9796689656);

ERROR: duplicate key value violates unique constraint "customer\_c\_email\_key"

DETAIL: Key (c\_email)=(cake\_murderer@hotmail.com) already exists.

gallery=# insert into customer values('c7','cristiano','peter','ronaldo','helloworld@yahoo.com',9796689656);

ERROR: duplicate key value violates unique constraint "customer\_c\_ph\_no\_key"

DETAIL: Key (c\_ph\_no)=(9796689656) already exists.

gallery=# insert into customer values('c7','cristiano','peter','ronaldo','helloworld@yahoo.com',9796684656);

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+-----------+---------+---------+---------------------------+-------------+----------+------------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork

c5 | james | | bond | born\_to\_kill@hotmail.com | 7963559895 | Female | #347,ChorBazar street,Madrid

c6 | jengis | | khan | cake\_murderer@hotmail.com | 9796689656 | Male |

c7 | cristiano | peter | ronaldo | helloworld@yahoo.com | 9796684656 | None |

(7 rows)

gallery=# insert into customer values('c8','napolean','hansel','hingis','napole@gmail.com',9984637246,'Male','#843,Doll street,Tokyo');

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+-----------+---------+---------+---------------------------+-------------+----------+------------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork

c5 | james | | bond | born\_to\_kill@hotmail.com | 7963559895 | Female | #347,ChorBazar street,Madrid

c6 | jengis | | khan | cake\_murderer@hotmail.com | 9796689656 | Male |

c7 | cristiano | peter | ronaldo | helloworld@yahoo.com | 9796684656 | None |

c8 | napolean | hansel | hingis | napole@gmail.com | 9984637246 | Male | #843,Doll street,Tokyo

(8 rows)

gallery=# delete from customer where cid='c7';

ERROR: column "cid" does not exist

LINE 1: delete from customer where cid='c7';

^

HINT: Perhaps you meant to reference the column "customer.c\_id".

gallery=# delete from customer where c\_id='c7';

DELETE 1

gallery=# insert into customer values('c7','carol','peter','rumero','helloworld@yahoo.com',9796684656);

INSERT 0 1

gallery=# select \* from customer;

c\_id | c\_fname | c\_mname | c\_lname | c\_email | c\_ph\_no | c\_gender | c\_address

------+----------+---------+---------+---------------------------+-------------+----------+------------------------------

c1 | maddie | | gomez | maddie@hotmail.com | 1239087569 | Female |

c2 | niels | atom | bohr | niel@hotmail.com | 90837322284 | Male | #583,street2,alabama

c3 | ariana | grande | butera | thunderbolt@gmail.com | 9879459654 | Male | #545,7th street,NewJersey

c4 | anamika | | khan | ihave\_marks@gmail.com | 8597868465 | Female | #420,Church street,NewYork c5 | james | | bond | born\_to\_kill@hotmail.com | 7963559895 | Female | #347,ChorBazar street,Madrid

c6 | jengis | | khan | cake\_murderer@hotmail.com | 9796689656 | Male |

c8 | napolean | hansel | hingis | napole@gmail.com | 9984637246 | Male | #843,Doll street,Tokyo

c7 | carol | peter | rumero | helloworld@yahoo.com | 9796684656 | None |

(8 rows)

gallery=# \d paintings

Did not find any relation named "paintings".

gallery=# \d painting

Table "public.painting"

Column | Type | Collation | Nullable | Default

---------+-----------------------+-----------+----------+---------------------------

p\_id | character varying(30) | | not null | 'None'::character varying

p\_name | character varying(30) | | not null | 'None'::character varying

p\_price | double precision | | not null | 0.0

a\_id | character varying(30) | | not null | 'None'::character varying

c\_id | character varying(30) | | not null | 'None'::character varying

Indexes:

"painting\_pkey" PRIMARY KEY, btree (p\_id)

"painting\_a\_id\_key" UNIQUE CONSTRAINT, btree (a\_id)

"painting\_c\_id\_key" UNIQUE CONSTRAINT, btree (c\_id)

"painting\_p\_name\_key" UNIQUE CONSTRAINT, btree (p\_name)

Foreign-key constraints:

"painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

"painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Referenced by:

TABLE "auction" CONSTRAINT "auction\_p\_id\_fkey" FOREIGN KEY (p\_id) REFERENCES painting(p\_id)

TABLE "instalments" CONSTRAINT "instalments\_p\_id\_fkey" FOREIGN KEY (p\_id) REFERENCES painting(p\_id)

gallery=# insert into paintings('p1','the last dinner','120000.00','a1','c2');

ERROR: syntax error at or near "'p1'"

LINE 1: insert into paintings('p1','the last dinner','120000.00','a1...

^

gallery=# insert into paintings values('p1','the last dinner','120000.00','a1','c2');

ERROR: relation "paintings" does not exist

LINE 1: insert into paintings values('p1','the last dinner','120000....

^

gallery=# insert into painting values('p1','the last dinner','120000.00','a1','c2');

INSERT 0 1

gallery=# insert into painting values('p2','citylights','8937838.00','a4','c6');

INSERT 0 1

gallery=# insert into painting values('p3','drowning','5647392.46','a9','c8');

ERROR: insert or update on table "painting" violates foreign key constraint "painting\_a\_id\_fkey"

DETAIL: Key (a\_id)=(a9) is not present in table "artist".

gallery=# insert into painting values('p3','drowning','5647392.46','a2','c8');

INSERT 0 1

gallery=# insert into painting values('p4','the beanie','9372834.09','a7','c4');

INSERT 0 1

gallery=# insert into painting values('p5','good ghost','120000','a3','c1');

INSERT 0 1

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-----------------+------------+------+------

p1 | the last dinner | 120000 | a1 | c2

p2 | citylights | 8937838 | a4 | c6

p3 | drowning | 5647392.46 | a2 | c8

p4 | the beanie | 9372834.09 | a7 | c4

p5 | good ghost | 120000 | a3 | c1

(5 rows)

gallery=# insert into painting values('p6','sulking river','8393929','a7','c7');

ERROR: duplicate key value violates unique constraint "painting\_a\_id\_key"

DETAIL: Key (a\_id)=(a7) already exists.

gallery=# alter table painting

gallery-# drop index a\_id;

ERROR: syntax error at or near "a\_id"

LINE 2: drop index a\_id;

^

gallery=# alter table painting

gallery-# drop unique a\_id;

ERROR: syntax error at or near "unique"

LINE 2: drop unique a\_id;

^

gallery=# \d+ painting;

Table "public.painting"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------+-----------------------+-----------+----------+---------------------------+----------+--------------+-------------

p\_id | character varying(30) | | not null | 'None'::character varying | extended | |

p\_name | character varying(30) | | not null | 'None'::character varying | extended | |

p\_price | double precision | | not null | 0.0 | plain | |

a\_id | character varying(30) | | not null | 'None'::character varying | extended | |

c\_id | character varying(30) | | not null | 'None'::character varying | extended | |

Indexes:

"painting\_pkey" PRIMARY KEY, btree (p\_id)

"painting\_a\_id\_key" UNIQUE CONSTRAINT, btree (a\_id)

"painting\_c\_id\_key" UNIQUE CONSTRAINT, btree (c\_id)

"painting\_p\_name\_key" UNIQUE CONSTRAINT, btree (p\_name)

Foreign-key constraints:

"painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

"painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Referenced by:

TABLE "auction" CONSTRAINT "auction\_p\_id\_fkey" FOREIGN KEY (p\_id) REFERENCES painting(p\_id)

TABLE "instalments" CONSTRAINT "instalments\_p\_id\_fkey" FOREIGN KEY (p\_id) REFERENCES painting(p\_id)

Access method: heap

gallery=# alter table painting

gallery-# drop UNIQUE a\_id;

ERROR: syntax error at or near "UNIQUE"

LINE 2: drop UNIQUE a\_id;

^

gallery=# alter table painting

gallery-# DROP UNIQUE a\_id;

ERROR: syntax error at or near "UNIQUE"

LINE 2: DROP UNIQUE a\_id;

^

gallery=# alter table painting

gallery-# alter column drop unique;

ERROR: syntax error at or near "unique"

LINE 2: alter column drop unique;

^

gallery=# alter table painting

gallery-# alter column a\_id drop unique;

ERROR: syntax error at or near "unique"

LINE 2: alter column a\_id drop unique;

^

gallery=# alter table painting

gallery-# alter column a\_id drop UNIQUE;

ERROR: syntax error at or near "UNIQUE"

LINE 2: alter column a\_id drop UNIQUE;

^

gallery=# alter table painting

gallery-# alter column A\_Id DROP UNIQUE;

ERROR: syntax error at or near "UNIQUE"

LINE 2: alter column A\_Id DROP UNIQUE;

^

gallery=# drop painting;

ERROR: syntax error at or near "painting"

LINE 1: drop painting;

^

gallery=# drop table painting;

ERROR: cannot drop table painting because other objects depend on it

DETAIL: constraint auction\_p\_id\_fkey on table auction depends on table painting

constraint instalments\_p\_id\_fkey on table instalments depends on table painting

HINT: Use DROP ... CASCADE to drop the dependent objects too.

gallery=# drop cascade painting;

ERROR: syntax error at or near "cascade"

LINE 1: drop cascade painting;

^

gallery=# drop table painting cascade;

NOTICE: drop cascades to 2 other objects

DETAIL: drop cascades to constraint auction\_p\_id\_fkey on table auction

drop cascades to constraint instalments\_p\_id\_fkey on table instalments

DROP TABLE

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

(7 rows)

gallery=# create table painting(

gallery(# P\_Id varchar(30) not null unique,

gallery(# P\_Name varchar(30) not null unique,

gallery(# P\_Price float not null default 0,

gallery(# A\_Id varchar(30) not null,

gallery(# C\_Id varchar(30) not null,

gallery(# primary key(P\_Id),

gallery(# Foreign Key (A\_Id) references Artist (A\_Id),

gallery(# Foreign Key (C\_Id) references Customer (C\_Id));

CREATE TABLE

gallery=# \d+ painting

Table "public.painting"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------+-----------------------+-----------+----------+---------+----------+--------------+-------------

p\_id | character varying(30) | | not null | | extended | |

p\_name | character varying(30) | | not null | | extended | |

p\_price | double precision | | not null | 0 | plain | |

a\_id | character varying(30) | | not null | | extended | |

c\_id | character varying(30) | | not null | | extended | |

Indexes:

"painting\_pkey" PRIMARY KEY, btree (p\_id)

"painting\_p\_name\_key" UNIQUE CONSTRAINT, btree (p\_name)

Foreign-key constraints:

"painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

"painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | 'None'::character varying | extended | | e\_fname | character varying(30) | | not null | 'None'::character varying | extended | | e\_mname | character varying(30) | | | | extended | | e\_lname | character varying(30) | | not null | 'None'::character varying | extended | | date\_of\_join | date | | not null | CURRENT\_DATE | plain | | e\_gender | character varying(6) | | | 'None'::character varying | extended | | e\_dob | date | | not null | CURRENT\_DATE | plain | | e\_age | integer | | not null | 0 | plain | | d\_no | integer | | not null | 0 | plain | | e\_salary | double precision | | not null | 0.0 | plain | | e\_address | character varying(100) | | | 'None'::character varying | extended | | e\_ph\_no | numeric | | not null | 0 | main | | Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

Access method: heap

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

public | painting | table | postgres

(8 rows)

gallery=# \d+ artist;

Table "public.artist"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

-----------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

a\_id | character varying(30) | | not null | 'None'::character varying | extended | |

a\_fname | character varying(30) | | not null | 'None'::character varying | extended | |

a\_mname | character varying(30) | | | | extended | |

a\_lname | character varying(30) | | not null | 'None'::character varying | extended | |

a\_email | character varying(30) | | not null | 'None'::character varying | extended | |

a\_ph\_no | numeric | | not null | 0 | main | |

a\_gender | character varying(6) | | | 'None'::character varying | extended | |

a\_address | character varying(100) | | | | extended | |

Indexes:

"artist\_pkey" PRIMARY KEY, btree (a\_id)

"artist\_a\_email\_key" UNIQUE CONSTRAINT, btree (a\_email)

"artist\_a\_ph\_no\_key" UNIQUE CONSTRAINT, btree (a\_ph\_no)

Referenced by:

TABLE "painting" CONSTRAINT "painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

Access method: heap

gallery=# alter table artist

gallery-# alter column a\_id drop default;

ALTER TABLE

gallery=# alter table artist

gallery-# alter column a\_email drop default;

ALTER TABLE

gallery=# alter table artist

gallery-# alter column a\_ph\_no\_key drop default;

ERROR: column "a\_ph\_no\_key" of relation "artist" does not exist

gallery=# alter table artist

gallery-# alter column a\_ph\_no drop default;

ALTER TABLE

gallery=# \d+ artist;

Table "public.artist"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

-----------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

a\_id | character varying(30) | | not null | | extended | |

a\_fname | character varying(30) | | not null | 'None'::character varying | extended | |

a\_mname | character varying(30) | | | | extended | |

a\_lname | character varying(30) | | not null | 'None'::character varying | extended | |

a\_email | character varying(30) | | not null | | extended | |

a\_ph\_no | numeric | | not null | | main | |

a\_gender | character varying(6) | | | 'None'::character varying | extended | |

a\_address | character varying(100) | | | | extended | |

Indexes:

"artist\_pkey" PRIMARY KEY, btree (a\_id)

"artist\_a\_email\_key" UNIQUE CONSTRAINT, btree (a\_email)

"artist\_a\_ph\_no\_key" UNIQUE CONSTRAINT, btree (a\_ph\_no)

Referenced by:

TABLE "painting" CONSTRAINT "painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

Access method: heap

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

public | painting | table | postgres

(8 rows)

gallery=# \d+ auction;

Table "public.auction"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------+-----------------------+-----------+----------+---------------------------+----------+--------------+-------------

ex\_id | character varying(20) | | not null | 'None'::character varying | extended | |

p\_id | character varying(30) | | not null | 'None'::character varying | extended | |

Foreign-key constraints:

"auction\_ex\_id\_fkey" FOREIGN KEY (ex\_id) REFERENCES exhibition(ex\_id)

Access method: heap

gallery=# alter table artist

gallery-# alter column a\_ph\_no\_key drop dedsfault

gallery-# alter column a\_ph\_no\_key drop dedsfault;

ERROR: syntax error at or near "dedsfault"

LINE 2: alter column a\_ph\_no\_key drop dedsfault

^

gallery=# alter table auction

gallery-# alter column ex\_id drop default,

gallery-# alter column p\_id drop default;

ALTER TABLE

gallery=# \d+ auction;

Table "public.auction"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------+-----------------------+-----------+----------+---------+----------+--------------+-------------

ex\_id | character varying(20) | | not null | | extended | |

p\_id | character varying(30) | | not null | | extended | |

Foreign-key constraints:

"auction\_ex\_id\_fkey" FOREIGN KEY (ex\_id) REFERENCES exhibition(ex\_id)

Access method: heap

gallery=# \d+ customer;

Table "public.customer"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

-----------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

c\_id | character varying(30) | | not null | 'None'::character varying | extended | |

c\_fname | character varying(30) | | not null | 'None'::character varying | extended | |

c\_mname | character varying(30) | | | | extended | |

c\_lname | character varying(30) | | not null | 'None'::character varying | extended | |

c\_email | character varying(30) | | not null | 'None'::character varying | extended | |

c\_ph\_no | numeric | | not null | 0 | main | |

c\_gender | character varying(6) | | | 'None'::character varying | extended | |

c\_address | character varying(100) | | | | extended | |

Indexes:

"customer\_pkey" PRIMARY KEY, btree (c\_id)

"customer\_c\_email\_key" UNIQUE CONSTRAINT, btree (c\_email)

"customer\_c\_ph\_no\_key" UNIQUE CONSTRAINT, btree (c\_ph\_no)

Referenced by:

TABLE "instalments" CONSTRAINT "instalments\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

TABLE "painting" CONSTRAINT "painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# alter table customer

gallery-# alter column c\_id drop default,

gallery-# alter column c\_email drop default,

gallery-# alter column c\_ph\_no drop default;

ALTER TABLE

gallery=# \d+ customer;

Table "public.customer"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

-----------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

c\_id | character varying(30) | | not null | | extended | |

c\_fname | character varying(30) | | not null | 'None'::character varying | extended | |

c\_mname | character varying(30) | | | | extended | |

c\_lname | character varying(30) | | not null | 'None'::character varying | extended | |

c\_email | character varying(30) | | not null | | extended | |

c\_ph\_no | numeric | | not null | | main | |

c\_gender | character varying(6) | | | 'None'::character varying | extended | |

c\_address | character varying(100) | | | | extended | |

Indexes:

"customer\_pkey" PRIMARY KEY, btree (c\_id)

"customer\_c\_email\_key" UNIQUE CONSTRAINT, btree (c\_email)

"customer\_c\_ph\_no\_key" UNIQUE CONSTRAINT, btree (c\_ph\_no)

Referenced by:

TABLE "instalments" CONSTRAINT "instalments\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

TABLE "painting" CONSTRAINT "painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

public | painting | table | postgres

(8 rows)

gallery=# \d+ department

Table "public.department"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------+-----------------------+-----------+----------+---------------------------+----------+--------------+-------------

d\_no | integer | | not null | 0 | plain | |

d\_name | character varying(40) | | not null | 'None'::character varying | extended | |

head\_id | character varying(30) | | not null | 'None'::character varying | extended | |

Indexes:

"department\_pkey" PRIMARY KEY, btree (d\_no)

"department\_d\_name\_key" UNIQUE CONSTRAINT, btree (d\_name)

"department\_head\_id\_key" UNIQUE CONSTRAINT, btree (head\_id)

Access method: heap

gallery=# alter table department

gallery-# alter column d\_name drop default,

gallery-# alter column d\_no drop default,

gallery-# alter column head\_id drop default;

ALTER TABLE

gallery=# \d+ department

Table "public.department"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------+-----------------------+-----------+----------+---------+----------+--------------+-------------

d\_no | integer | | not null | | plain | |

d\_name | character varying(40) | | not null | | extended | |

head\_id | character varying(30) | | not null | | extended | |

Indexes:

"department\_pkey" PRIMARY KEY, btree (d\_no)

"department\_d\_name\_key" UNIQUE CONSTRAINT, btree (d\_name)

"department\_head\_id\_key" UNIQUE CONSTRAINT, btree (head\_id)

Access method: heap

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

public | painting | table | postgres

(8 rows)

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | 'None'::character varying | extended | | e\_fname | character varying(30) | | not null | 'None'::character varying | extended | | e\_mname | character varying(30) | | | | extended | | e\_lname | character varying(30) | | not null | 'None'::character varying | extended | | date\_of\_join | date | | not null | CURRENT\_DATE | plain | | e\_gender | character varying(6) | | | 'None'::character varying | extended | | e\_dob | date | | not null | CURRENT\_DATE | plain | | e\_age | integer | | not null | 0 | plain | | d\_no | integer | | not null | 0 | plain | | e\_salary | double precision | | not null | 0.0 | plain | | e\_address | character varying(100) | | | 'None'::character varying | extended | | e\_ph\_no | numeric | | not null | 0 | main | | Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

Access method: heap

gallery=# alter table employee

gallery-# alter column e\_id drop default,

gallery-# alter column e\_ph\_no drop default;

ALTER TABLE

gallery=# alter table employee

gallery-# ..

gallery-# ;

ERROR: syntax error at or near ".."

LINE 2: ..

^

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | | extended | | e\_fname | character varying(30) | | not null | 'None'::character varying | extended | | e\_mname | character varying(30) | | | | extended | | e\_lname | character varying(30) | | not null | 'None'::character varying | extended | | date\_of\_join | date | | not null | CURRENT\_DATE | plain | | e\_gender | character varying(6) | | | 'None'::character varying | extended | | e\_dob | date | | not null | CURRENT\_DATE | plain | | e\_age | integer | | not null | 0 | plain | | d\_no | integer | | not null | 0 | plain | | e\_salary | double precision | | not null | 0.0 | plain | | e\_address | character varying(100) | | | 'None'::character varying | extended | | e\_ph\_no | numeric | | not null | | main | | Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

Access method: heap

gallery=# alter table employee

gallery-# alter column d\_no drop default;

ALTER TABLE

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | | extended | | e\_fname | character varying(30) | | not null | 'None'::character varying | extended | | e\_mname | character varying(30) | | | | extended | | e\_lname | character varying(30) | | not null | 'None'::character varying | extended | | date\_of\_join | date | | not null | CURRENT\_DATE | plain | | e\_gender | character varying(6) | | | 'None'::character varying | extended | | e\_dob | date | | not null | CURRENT\_DATE | plain | | e\_age | integer | | not null | 0 | plain | | d\_no | integer | | not null | | plain | | e\_salary | double precision | | not null | 0.0 | plain | | e\_address | character varying(100) | | | 'None'::character varying | extended | | e\_ph\_no | numeric | | not null | | main | | Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

Access method: heap

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

public | painting | table | postgres

(8 rows)

gallery=# \d+ exhibition;

Table "public.exhibition"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------------+-----------------------+-----------+----------+---------------------------+----------+--------------+-------------

ex\_id | character varying(20) | | not null | 'None'::character varying | extended | | ex\_start\_date | date | | not null | CURRENT\_DATE | plain | | ex\_end\_date | date | | not null | CURRENT\_DATE | plain | | ex\_name | character varying(30) | | not null | 'None'::character varying | extended | | Indexes:

"exhibition\_ex\_id\_key" UNIQUE CONSTRAINT, btree (ex\_id)

"exhibition\_ex\_name\_key" UNIQUE CONSTRAINT, btree (ex\_name)

Referenced by:

TABLE "auction" CONSTRAINT "auction\_ex\_id\_fkey" FOREIGN KEY (ex\_id) REFERENCES exhibition(ex\_id)

Access method: heap

gallery=# alter table employee

gallery-# alter column ex\_id drop default,

gallery-# alter column ex\_name drop default;

ERROR: column "ex\_id" of relation "employee" does not exist

gallery=# alter table exhibiton

gallery-# alter column ex\_name drop default;

ERROR: relation "exhibiton" does not exist

gallery=# alter table exhibition

gallery-# alter column ex\_id drop default,

gallery-# alter column ex\_name drop default;

ALTER TABLE

gallery=# \d+ exhibition;

Table "public.exhibition"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------------+-----------------------+-----------+----------+--------------+----------+--------------+-------------

ex\_id | character varying(20) | | not null | | extended | |

ex\_start\_date | date | | not null | CURRENT\_DATE | plain | |

ex\_end\_date | date | | not null | CURRENT\_DATE | plain | |

ex\_name | character varying(30) | | not null | | extended | |

Indexes:

"exhibition\_ex\_id\_key" UNIQUE CONSTRAINT, btree (ex\_id)

"exhibition\_ex\_name\_key" UNIQUE CONSTRAINT, btree (ex\_name)

Referenced by:

TABLE "auction" CONSTRAINT "auction\_ex\_id\_fkey" FOREIGN KEY (ex\_id) REFERENCES exhibition(ex\_id)

Access method: heap

gallery=# \d

List of relations

Schema | Name | Type | Owner

--------+-------------+-------+----------

public | artist | table | postgres

public | auction | table | postgres

public | customer | table | postgres

public | department | table | postgres

public | employee | table | postgres

public | exhibition | table | postgres

public | instalments | table | postgres

public | painting | table | postgres

(8 rows)

gallery=# \d+ instalments;

Table "public.instalments"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

----------+-----------------------+-----------+----------+---------------------------+----------+--------------+-------------

i\_no | integer | | not null | 0 | plain | |

p\_id | character varying(30) | | not null | 'None'::character varying | extended | |

pay\_date | date | | not null | CURRENT\_DATE | plain | |

due\_date | date | | not null | CURRENT\_DATE | plain | |

amount | double precision | | not null | 0.0 | plain | |

c\_id | character varying(30) | | not null | 'None'::character varying | extended | |

Foreign-key constraints:

"instalments\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# \d+ painting;

Table "public.painting"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------+-----------------------+-----------+----------+---------+----------+--------------+-------------

p\_id | character varying(30) | | not null | | extended | |

p\_name | character varying(30) | | not null | | extended | |

p\_price | double precision | | not null | 0 | plain | |

a\_id | character varying(30) | | not null | | extended | |

c\_id | character varying(30) | | not null | | extended | |

Indexes:

"painting\_pkey" PRIMARY KEY, btree (p\_id)

"painting\_p\_name\_key" UNIQUE CONSTRAINT, btree (p\_name)

Foreign-key constraints:

"painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

"painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# insert into painting('p1','sulking river',120000,'a2','c3');

ERROR: syntax error at or near "'p1'"

LINE 1: insert into painting('p1','sulking river',120000,'a2','c3');

^

gallery=# insert into painting values('p1','sulking river',120000,'a2','c3');

INSERT 0 1

gallery=# insert into painting values('p2','the imperfectly perfect',120000,'a2','c4');

INSERT 0 1

gallery=# insert into painting values('p3','world though this eyes',934983,'a5','c4');

INSERT 0 1

gallery=# insert into painting values('p4','world without me',1000000000000000.87,'a6','c5');

INSERT 0 1

gallery=# \d+ painting;

Table "public.painting"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

---------+-----------------------+-----------+----------+---------+----------+--------------+-------------

p\_id | character varying(30) | | not null | | extended | |

p\_name | character varying(30) | | not null | | extended | |

p\_price | double precision | | not null | 0 | plain | |

a\_id | character varying(30) | | not null | | extended | |

c\_id | character varying(30) | | not null | | extended | |

Indexes:

"painting\_pkey" PRIMARY KEY, btree (p\_id)

"painting\_p\_name\_key" UNIQUE CONSTRAINT, btree (p\_name)

Foreign-key constraints:

"painting\_a\_id\_fkey" FOREIGN KEY (a\_id) REFERENCES artist(a\_id)

"painting\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-------------------------+------------------------+------+------

p1 | sulking river | 120000 | a2 | c3

p2 | the imperfectly perfect | 120000 | a2 | c4

p3 | world though this eyes | 934983 | a5 | c4

p4 | world without me | 1.0000000000000009e+15 | a6 | c5

(4 rows)

gallery=# insert into painting values('p4','moves like jagger',198295.643,'a1','c8');

ERROR: duplicate key value violates unique constraint "painting\_pkey"

DETAIL: Key (p\_id)=(p4) already exists.

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-------------------------+------------------------+------+------

p1 | sulking river | 120000 | a2 | c3

p2 | the imperfectly perfect | 120000 | a2 | c4

p3 | world though this eyes | 934983 | a5 | c4

p4 | world without me | 1.0000000000000009e+15 | a6 | c5

(4 rows)

gallery=# insert into painting values('p5','moves like jagger',198295.643,'a1','c8');

INSERT 0 1

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-------------------------+------------------------+------+------

p1 | sulking river | 120000 | a2 | c3

p2 | the imperfectly perfect | 120000 | a2 | c4

p3 | world though this eyes | 934983 | a5 | c4

p4 | world without me | 1.0000000000000009e+15 | a6 | c5

p5 | moves like jagger | 198295.643 | a1 | c8

(5 rows)

gallery=# insert into painting values('p6','STAY',69696969.69,'a4','c4');

INSERT 0 1

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-------------------------+------------------------+------+------

p1 | sulking river | 120000 | a2 | c3

p2 | the imperfectly perfect | 120000 | a2 | c4

p3 | world though this eyes | 934983 | a5 | c4

p4 | world without me | 1.0000000000000009e+15 | a6 | c5

p5 | moves like jagger | 198295.643 | a1 | c8

p6 | STAY | 69696969.69 | a4 | c4

(6 rows)

gallery=# insert into painting values('p7','my view',75587686,'a3','c7');

INSERT 0 1

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-------------------------+------------------------+------+------

p1 | sulking river | 120000 | a2 | c3

p2 | the imperfectly perfect | 120000 | a2 | c4

p3 | world though this eyes | 934983 | a5 | c4

p4 | world without me | 1.0000000000000009e+15 | a6 | c5

p5 | moves like jagger | 198295.643 | a1 | c8

p6 | STAY | 69696969.69 | a4 | c4

p7 | my view | 75587686 | a3 | c7

(7 rows)

gallery=# insert into painting values('p8','into the wild',345678,'a5','c3');

INSERT 0 1

gallery=# select \* from painting;

p\_id | p\_name | p\_price | a\_id | c\_id

------+-------------------------+------------------------+------+------

p1 | sulking river | 120000 | a2 | c3

p2 | the imperfectly perfect | 120000 | a2 | c4

p3 | world though this eyes | 934983 | a5 | c4

p4 | world without me | 1.0000000000000009e+15 | a6 | c5

p5 | moves like jagger | 198295.643 | a1 | c8

p6 | STAY | 69696969.69 | a4 | c4

p7 | my view | 75587686 | a3 | c7

p8 | into the wild | 345678 | a5 | c3

(8 rows)

gallery=# \d employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default

--------------+------------------------+-----------+----------+---------------------------

e\_id | character varying(30) | | not null |

e\_fname | character varying(30) | | not null | 'None'::character varying

e\_mname | character varying(30) | | |

e\_lname | character varying(30) | | not null | 'None'::character varying

date\_of\_join | date | | not null | CURRENT\_DATE

e\_gender | character varying(6) | | | 'None'::character varying

e\_dob | date | | not null | CURRENT\_DATE

e\_age | integer | | not null | 0

d\_no | integer | | not null |

e\_salary | double precision | | not null | 0.0

e\_address | character varying(100) | | | 'None'::character varying

e\_ph\_no | numeric | | not null |

Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

gallery=# insert into department values(01,'Management','e2');

INSERT 0 1

gallery=# insert into department values(02,'Marketing','e7');

INSERT 0 1

gallery=# insert into department values(03,'Sales','e7');

ERROR: duplicate key value violates unique constraint "department\_head\_id\_key"

DETAIL: Key (head\_id)=(e7) already exists.

gallery=# insert into department values(03,'Sales','e4');

INSERT 0 1

gallery=# insert into department values(04,'Maintenance','e4');

ERROR: duplicate key value violates unique constraint "department\_head\_id\_key"

DETAIL: Key (head\_id)=(e4) already exists.

gallery=# insert into department values(04,'Maintenance','e5');

INSERT 0 1

gallery=# select \* from department;

d\_no | d\_name | head\_id

------+-------------+---------

1 | Management | e2

2 | Marketing | e7

3 | Sales | e4

4 | Maintenance | e5

(4 rows)

gallery=# insert into exhibition values('ex1','12-02-2019','14-02-2019','Nature and the Wild');

INSERT 0 1

gallery=# select \* exhibition;

ERROR: syntax error at or near "exhibition"

LINE 1: select \* exhibition;

^

gallery=# select \* from exhibition;

ex\_id | ex\_start\_date | ex\_end\_date | ex\_name

-------+---------------+-------------+---------------------

ex1 | 2019-02-12 | 2019-02-14 | Nature and the Wild

(1 row)

gallery=# insert into exhibition values('ex2','12-08-2014','19-08-2014','Firing rage');

INSERT 0 1

gallery=# insert into exhibition values('ex3','20-01-2020','23-01-2020','View of the mind');

INSERT 0 1

gallery=# insert into exhibition values('ex4','17-03-2021','23-03-2021','Fly low');

INSERT 0 1

gallery=# insert into exhibition values('ex5','04-07-2020','07-07-2020','Beautiful Lies');

INSERT 0 1

gallery=# insert into exhibition values('ex6','04-06-2018','08-06-2018','Hues of the Heart');

INSERT 0 1

gallery=# insert into exhibition values('ex7','13-04-2019','17-04-2019','Blank Minds');

INSERT 0 1

gallery=# insert into exhibition values('ex7','7-05-2017','7-05-2017','The dead drop era');

ERROR: duplicate key value violates unique constraint "exhibition\_ex\_id\_key"

DETAIL: Key (ex\_id)=(ex7) already exists.

gallery=# insert into exhibition values('ex8','7-05-2017','7-05-2017','The dead drop era');

INSERT 0 1

gallery=# select \* from exhibition;

ex\_id | ex\_start\_date | ex\_end\_date | ex\_name

-------+---------------+-------------+---------------------

ex1 | 2019-02-12 | 2019-02-14 | Nature and the Wild

ex2 | 2014-08-12 | 2014-08-19 | Firing rage

ex3 | 2020-01-20 | 2020-01-23 | View of the mind

ex4 | 2021-03-17 | 2021-03-23 | Fly low

ex5 | 2020-07-04 | 2020-07-07 | Beautiful Lies

ex6 | 2018-06-04 | 2018-06-08 | Hues of the Heart

ex7 | 2019-04-13 | 2019-04-17 | Blank Minds

ex8 | 2017-05-07 | 2017-05-07 | The dead drop era

(8 rows)

gallery=# insert into auction values(

gallery(# 'ex2','p1');

INSERT 0 1

gallery=# insert into auction values('ex2','p5');

INSERT 0 1

gallery=# insert into auction values('ex6','p5');

INSERT 0 1

gallery=# insert into auction values('ex6','p7');

INSERT 0 1

gallery=# select \* from auction;

ex\_id | p\_id

-------+------

ex2 | p1

ex2 | p5

ex6 | p5

ex6 | p7

(4 rows)

gallery=# insert into auction values('ex6','p7');

INSERT 0 1

gallery=# delete from auction where pid='p7';

ERROR: column "pid" does not exist

LINE 1: delete from auction where pid='p7';

^

HINT: Perhaps you meant to reference the column "auction.p\_id".

gallery=# delete from auction where p\_id='p7';

DELETE 2

gallery=# select \* from auction;

ex\_id | p\_id

-------+------

ex2 | p1

ex2 | p5

ex6 | p5

(3 rows)

gallery=# delete from auction;

DELETE 3

gallery=# alter table auction

gallery-# add constraint ex\_id unique;

ERROR: syntax error at or near ";"

LINE 2: add constraint ex\_id unique;

^

gallery=# alter table auction

gallery-# ;

ERROR: syntax error at or near ";"

LINE 2: ;

^

gallery=# alter table auction

gallery-# drop ex\_id;

ALTER TABLE

gallery=# \d auction;

Table "public.auction"

Column | Type | Collation | Nullable | Default

--------+-----------------------+-----------+----------+---------

p\_id | character varying(30) | | not null |

gallery=# alter table auction

gallery-# add ex\_id varchar(20) not null unique;

ALTER TABLE

gallery=# alter table auction

gallery-# add foreign key(ex\_id) references exhibition (ex\_id),

gallery-# add foreign key(p\_id) references painting (p\_id);

ALTER TABLE

gallery=# \d+ auction;

Table "public.auction"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------+-----------------------+-----------+----------+---------+----------+--------------+-------------

p\_id | character varying(30) | | not null | | extended | |

ex\_id | character varying(20) | | not null | | extended | |

Indexes:

"auction\_ex\_id\_key" UNIQUE CONSTRAINT, btree (ex\_id)

Foreign-key constraints:

"auction\_ex\_id\_fkey" FOREIGN KEY (ex\_id) REFERENCES exhibition(ex\_id)

"auction\_p\_id\_fkey" FOREIGN KEY (p\_id) REFERENCES painting(p\_id)

Access method: heap

gallery=# insert into auction values('p7','ex2');

INSERT 0 1

gallery=# insert into auction values('p7','ex8');

INSERT 0 1

gallery=# insert into auction values('p5','ex8');

ERROR: duplicate key value violates unique constraint "auction\_ex\_id\_key"

DETAIL: Key (ex\_id)=(ex8) already exists.

gallery=# insert into auction values('p3','ex5');

INSERT 0 1

gallery=# insert into auction values('p2','ex7');

INSERT 0 1

gallery=# insert into auction values('p3','ex1');

INSERT 0 1

gallery=# select \* from auction;

p\_id | ex\_id

------+-------

p7 | ex2

p7 | ex8

p3 | ex5

p2 | ex7

p3 | ex1

(5 rows)

gallery=# \d+ instalment;

Did not find any relation named "instalment".

gallery=# \d+ instalments;

Table "public.instalments"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

----------+-----------------------+-----------+----------+---------------------------+----------+--------------+-------------

i\_no | integer | | not null | 0 | plain | |

p\_id | character varying(30) | | not null | 'None'::character varying | extended | |

pay\_date | date | | not null | CURRENT\_DATE | plain | |

due\_date | date | | not null | CURRENT\_DATE | plain | |

amount | double precision | | not null | 0.0 | plain | |

c\_id | character varying(30) | | not null | 'None'::character varying | extended | |

Foreign-key constraints:

"instalments\_c\_id\_fkey" FOREIGN KEY (c\_id) REFERENCES customer(c\_id)

Access method: heap

gallery=# alter table exhibition

gallery-# add constraint start\_date date <= end\_date;

ERROR: syntax error at or near "date"

LINE 2: add constraint start\_date date <= end\_date;

^

gallery=# add constraint start\_date<= end\_date;

ERROR: syntax error at or near "add"

LINE 1: add constraint start\_date<= end\_date;

^

gallery=# alter table exhibition

gallery-# add constraint start\_date date <= end\_date;

ERROR: syntax error at or near "date"

LINE 2: add constraint start\_date date <= end\_date;

^

gallery=# alter table exhibition

gallery-# add constraint start\_date<= end\_date;

ERROR: syntax error at or near "<="

LINE 2: add constraint start\_date<= end\_date;

^

gallery=# alter table exhibition

gallery-# add constraint start\_date <= CURRENT\_DATE;

ERROR: syntax error at or near "<="

LINE 2: add constraint start\_date <= CURRENT\_DATE;

^

gallery=# insert into instalment values(1,'p1','12-02-2019','14-02-2019',10000,c3);

ERROR: relation "instalment" does not exist

LINE 1: insert into instalment values(1,'p1','12-02-2019','14-02-201...

^

gallery=# insert into instalments values(1,'p1','12-02-2019','14-02-2019',10000,c3);

ERROR: column "c3" does not exist

LINE 1: ...stalments values(1,'p1','12-02-2019','14-02-2019',10000,c3);

^

gallery=# insert into instalments values(1,'p1','12-02-2019','14-02-2019',10000,'c3');

INSERT 0 1

gallery=# insert into instalments values(2,'p1','14-02-2019','14-03-2019',10000,'c3');

INSERT 0 1

gallery=# insert into instalments values(2,'p7','14-06-2019','18-07-2020',15000,'c7');

INSERT 0 1

gallery=# insert into instalments values(1,'p7','14-05-2019','18-06-2020',15000,'c7');

INSERT 0 1

gallery=# insert into instalments values(3,'p3','14-05-2019','18-06-2020',45000,'c4');

INSERT 0 1

gallery=# insert into instalments values(1,'p5','17-07-2021','17-05-2021',30000.98,'c8');

INSERT 0 1

gallery=# delete from instalments where pay\_date = '14-06-2019';

DELETE 1

gallery=# delete from instalments where pay\_date = '14-05-2019';

DELETE 2

gallery=# insert into instalments values(2,'p7','14-06-2020','18-07-2020',15000,'c7');

INSERT 0 1

gallery=# insert into instalments values(1,'p7','14-05-2020','18-06-2020',15000,'c7');

INSERT 0 1

gallery=# insert into instalments values(3,'p3','14-05-2020','18-06-2020',45000,'c4');

INSERT 0 1

gallery=# select \* from instalments;

i\_no | p\_id | pay\_date | due\_date | amount | c\_id

------+------+------------+------------+----------+------

1 | p1 | 2019-02-12 | 2019-02-14 | 10000 | c3

2 | p1 | 2019-02-14 | 2019-03-14 | 10000 | c3

1 | p5 | 2021-07-17 | 2021-05-17 | 30000.98 | c8

2 | p7 | 2020-06-14 | 2020-07-18 | 15000 | c7

1 | p7 | 2020-05-14 | 2020-06-18 | 15000 | c7

3 | p3 | 2020-05-14 | 2020-06-18 | 45000 | c4

(6 rows)

gallery=# insert into instalments values(4,'p3','24-06-2020','18-07-2020',45000,'c4');

INSERT 0 1

gallery=# select \* from instalments;

i\_no | p\_id | pay\_date | due\_date | amount | c\_id

------+------+------------+------------+----------+------

1 | p1 | 2019-02-12 | 2019-02-14 | 10000 | c3

2 | p1 | 2019-02-14 | 2019-03-14 | 10000 | c3

1 | p5 | 2021-07-17 | 2021-05-17 | 30000.98 | c8

2 | p7 | 2020-06-14 | 2020-07-18 | 15000 | c7

1 | p7 | 2020-05-14 | 2020-06-18 | 15000 | c7

3 | p3 | 2020-05-14 | 2020-06-18 | 45000 | c4

4 | p3 | 2020-06-24 | 2020-07-18 | 45000 | c4

(7 rows)

gallery=# delete from instalments where amount=45000;

DELETE 2

gallery=# select \* from instalments;

i\_no | p\_id | pay\_date | due\_date | amount | c\_id

------+------+------------+------------+----------+------

1 | p1 | 2019-02-12 | 2019-02-14 | 10000 | c3

2 | p1 | 2019-02-14 | 2019-03-14 | 10000 | c3

1 | p5 | 2021-07-17 | 2021-05-17 | 30000.98 | c8

2 | p7 | 2020-06-14 | 2020-07-18 | 15000 | c7

1 | p7 | 2020-05-14 | 2020-06-18 | 15000 | c7

(5 rows)

gallery=# insert into instalments values(1,'p3','24-06-2020','18-07-2020',450000,'c4');

INSERT 0 1

gallery=# insert into instalments values(2,'p3','27-07-2020','18-08-2020',450000,'c4');

INSERT 0 1

gallery=# insert into instalments values(3,'p3','31-08-2020','18-09-2020',34983,'c4');

INSERT 0 1

gallery=# select \* from instalments;

i\_no | p\_id | pay\_date | due\_date | amount | c\_id

------+------+------------+------------+----------+------

1 | p1 | 2019-02-12 | 2019-02-14 | 10000 | c3

2 | p1 | 2019-02-14 | 2019-03-14 | 10000 | c3

1 | p5 | 2021-07-17 | 2021-05-17 | 30000.98 | c8

2 | p7 | 2020-06-14 | 2020-07-18 | 15000 | c7

1 | p7 | 2020-05-14 | 2020-06-18 | 15000 | c7

1 | p3 | 2020-06-24 | 2020-07-18 | 450000 | c4

2 | p3 | 2020-07-27 | 2020-08-18 | 450000 | c4

3 | p3 | 2020-08-31 | 2020-09-18 | 34983 | c4

(8 rows)

gallery=# alter table employee

gallery-# add foreign key (d\_no) references department d\_no

gallery-# ;

ERROR: syntax error at or near "d\_no"

LINE 2: add foreign key (d\_no) references department d\_no

^

gallery=# \d employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default

--------------+------------------------+-----------+----------+---------------------------

e\_id | character varying(30) | | not null |

e\_fname | character varying(30) | | not null | 'None'::character varying

e\_mname | character varying(30) | | |

e\_lname | character varying(30) | | not null | 'None'::character varying

date\_of\_join | date | | not null | CURRENT\_DATE

e\_gender | character varying(6) | | | 'None'::character varying

e\_dob | date | | not null | CURRENT\_DATE

e\_age | integer | | not null | 0

d\_no | integer | | not null |

e\_salary | double precision | | not null | 0.0

e\_address | character varying(100) | | | 'None'::character varying

e\_ph\_no | numeric | | not null |

Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

gallery=# alter table employee

gallery-# add foreign key (d\_no) references department (d\_no);

ALTER TABLE

gallery=# \d+ employee;

Table "public.employee"

Column | Type | Collation | Nullable | Default | Storage | Stats target | Description

--------------+------------------------+-----------+----------+---------------------------+----------+--------------+-------------

e\_id | character varying(30) | | not null | | extended | | e\_fname | character varying(30) | | not null | 'None'::character varying | extended | | e\_mname | character varying(30) | | | | extended | | e\_lname | character varying(30) | | not null | 'None'::character varying | extended | | date\_of\_join | date | | not null | CURRENT\_DATE | plain | | e\_gender | character varying(6) | | | 'None'::character varying | extended | | e\_dob | date | | not null | CURRENT\_DATE | plain | | e\_age | integer | | not null | 0 | plain | | d\_no | integer | | not null | | plain | | e\_salary | double precision | | not null | 0.0 | plain | | e\_address | character varying(100) | | | 'None'::character varying | extended | | e\_ph\_no | numeric | | not null | | main | | Indexes:

"employee\_pkey" PRIMARY KEY, btree (e\_id)

"employee\_e\_ph\_no\_key" UNIQUE CONSTRAINT, btree (e\_ph\_no)

Check constraints:

"int" CHECK (e\_age >= 18)

Foreign-key constraints:

"employee\_d\_no\_fkey" FOREIGN KEY (d\_no) REFERENCES department(d\_no)

Access method: heap

gallery=# insert into employee('e1','helen','','saleste','12-08-2011','Female','12-9-2000',

gallery(# 21,01,190000,,1234567899);

ERROR: syntax error at or near "'e1'"

LINE 1: insert into employee('e1','helen','','saleste','12-08-2011',...

^

gallery=# insert into employee values('e1','helen','','saleste','12-08-2011','Female','12-9-2000',

gallery(# 21,01,190000,,1234567899);

ERROR: syntax error at or near ","

LINE 2: 21,01,190000,,1234567899);

^

gallery=# insert into employee('e1','helen','','saleste','12-08-2011','Female','12-9-2000',

gallery(# 21,01,190000,'#456,Langdon town,Bangalore',1234567899);

ERROR: syntax error at or near "'e1'"

LINE 1: insert into employee('e1','helen','','saleste','12-08-2011',...

^

gallery=# insert into employee values('e1','helen','','saleste','12-08-2011','Female','12-9-2000',

gallery(# 21,01,190000,'#456,Langdon town,Bangalore',1234567899);

INSERT 0 1

gallery=# select \* from department;

d\_no | d\_name | head\_id

------+-------------+---------

1 | Management | e2

2 | Marketing | e7

3 | Sales | e4

4 | Maintenance | e5

(4 rows)

gallery=# alter department

gallery-# ;

ERROR: syntax error at or near "department"

LINE 1: alter department

^

gallery=# delete from emloyee;

ERROR: relation "emloyee" does not exist

LINE 1: delete from emloyee;

^

gallery=# delete from emloyees;

ERROR: relation "emloyees" does not exist

LINE 1: delete from emloyees;

^

gallery=# drop from employees;

ERROR: syntax error at or near "from"

LINE 1: drop from employees;

^

gallery=# delete from employee

gallery-# ;

DELETE 1

gallery=# insert into employee values('e1','helen','','saleste','12-08-2020','Female','12-9-2000',

gallery(# 21,01,190000,'#456,Langdon town,Bangalore',1234567899);

INSERT 0 1

gallery=# select \* from employee;

e\_id | e\_fname | e\_mname | e\_lname | date\_of\_join | e\_gender | e\_dob | e\_age | d\_no | e\_salary | e\_address | e\_ph\_no

------+---------+---------+---------+--------------+----------+------------+-------+------+----------+-----------------------------+------------

e1 | helen | | saleste | 2020-08-12 | Female | 2000-09-12 | 21 | 1 | 190000 | #456,Langdon town,Bangalore | 1234567899

(1 row)

gallery=#