```
# get all prices below 5 in us dollars
us_price={'milk':2.05,'bread':2.6,'butter': 3.6,'mobile': 50,
          'tv':100,'refridgerator':700}
# non pythonic way
prices_below_5={}
for product ,price in us_price.items():
    if price< 5:
        prices_below_5.update({product:price})
print(prices_below_5)
```

```
{'milk': 2.05, 'bread': 2.6, 'butter': 3.6}
```

```
CREATE TABLE students(
id int primary key,
name varchar not null,
address varchar not null,
college varchar not null,
age int not null,
gender varchar(1) not null,
faculty varchar not null
);


insert into students(
'id','name','address','college','age','gender
'faculty')
values
 (1,'ram','kathmandu','ncit' ,18,'m','IT'),
 (2,'Shyam','lalitpur','islington',20,'m',
 'CSIT'),
 (3,'gita','pokhara','ncit',21,'f','SE'),
 (4,'sita','kathmandu','ioe phulchowk',24,'f'
 'CE');


-- used for comment
-- * means all columns
select * from students;
select name,address from students;
--exits gareko data lai edit graer naya banur
update students  set address='lalitpur' where
id =3;


--to edit the table
ALTER  table students add University varchar
default 'TU';
UPDATE  students set University='PK' where id
=1 or id=3 ;
UPDATE  students set University='UK' where
college='islington' ;
```

CREATE TABLE students(id int primary key, name varchar not null, address varchar not null, college varchar not null, age int not null, gender varchar(1) not null, faculty varchar not null);

insert into students('id','name','address','college','age','gender','faculty ') values (1,'ram','kathmandu','ncit' ,18,'m','IT'), (2,'Shyam','lalitpur','islington',20,'m','CSIT'), (3,'gita','pokhara','ncit',21,'f','SE'), (4,'sita','kathmandu','ioe phulchowk',24,'f','CE');

-- used for comment -- * means all columns select * from students; select name,address from students; --exits gareko data lai edit graer naya banune update students set address='lalitpur' where id =3;

--to edit the table ALTER table students add University varchar default 'TU'; UPDATE students set University='PK' where id =1 or id=3 ; UPDATE students set University='UK' where college='islington' ; delete from student where id =3;

insert into students ('id','name','address','college','age','gender','faculty') values (13,'gita','pokhara','ncit',21,'f','SE'), (5,'Hari','kathmandu','ioe phulchowk',24,'m','CIVIL'),

```
delete from student where id =3;


insert into students
('id','name','address','college','age',
'gender','faculty')
values
(13,'gita','pokhara','ncit',21,'f','SE'),
(5,'Hari','kathmandu','ioe phulchowk',24,'m',
'CIVIL'),
(6,'Madan','pokhara','ncit',21,'f','SE'),
(7,'Maya','kathmandu','islington',24,'f',
'BIT');


select * from students where gender='f';


select * from students where age>20;


select * from students where gender='f' and
age>20;


select * from students where  age >=20 and
age<=25
```

(6,'Madan','pokhara','ncit',21,'f','SE'),
(7,'Maya','kathmandu','islington',24,'f','BIT');

select * from students where gender='f';

select * from students where age>20;

select * from students where gender='f' and age>20;

select * from students where age >=20 and age<=25

```
Start coding or generate with AI.


# get all prices below 5 in us dollars
us_price={'milk':2.05,'bread':2.6,'butter': 3.6,'mobile': 50,
          'tv':100,'refridgerator':700}
# pythonic way
prices_below_5={ product :price
               for product ,price in us_price.items() if price < 5}
print(prices_below_5)
```

```
{'milk': 2.05, 'bread': 2.6, 'butter': 3.6}
```

```
Start coding or generate with AI.
```