```
#Get all prices below 5 in US Dollors

us_price = {'milk':2.05,'bread':2.6,'butter':3.6,'mobile':50,
           'television':1000,'refrigerator':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}
```

```
#pythonic way
prices_below_5 ={
    product:price
    for product,price in us_price.items()
    if price <5
}
#dictionary comprehension
print(prices_below_5)
```

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

Start coding or generate with AI.

```sql
select * from student;

SELECT name,address FROM student;
update student set address = 'lalitpur' WHERE id =3;

ALTER table student add university varchar default 'TU';

UPDATE student set university = 'PK' WHERE id = 1;
UPDATE student set university = 'UK' WHERE id = 2;
__ o r UPDATE student set university = 'UK' WHERE college ='islington';

DELETE from student where id = 3;

INSERT INTO student
(id, name, address, college, age, gender, faculty)
VALUES
(3, 'gita', 'pokhara', 'NCIT', 21, 'f', 'SE'),
(5, 'hari', 'kathmandu', 'ioe pulchowk', 24, 'm', 'CIVIL'),
(6, 'madan', 'pokhara', 'NCIT', 21, 'f', 'SE'),
(7, 'maya', 'kathmandu', 'iislington', 24, 'f', 'BIT');

select * from student where gender ='f';
select * from student where age > 20 ;
select * from student where age > 20 and gender ='m';
select * from student where age > 20 and age <=25;
```

Start coding or generate with AI.

```sql
CREATE TABLE student(
          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 student
  (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 pulchowk', 24, 'f', 'CE');
__ for comment
  __ * means all columns
```