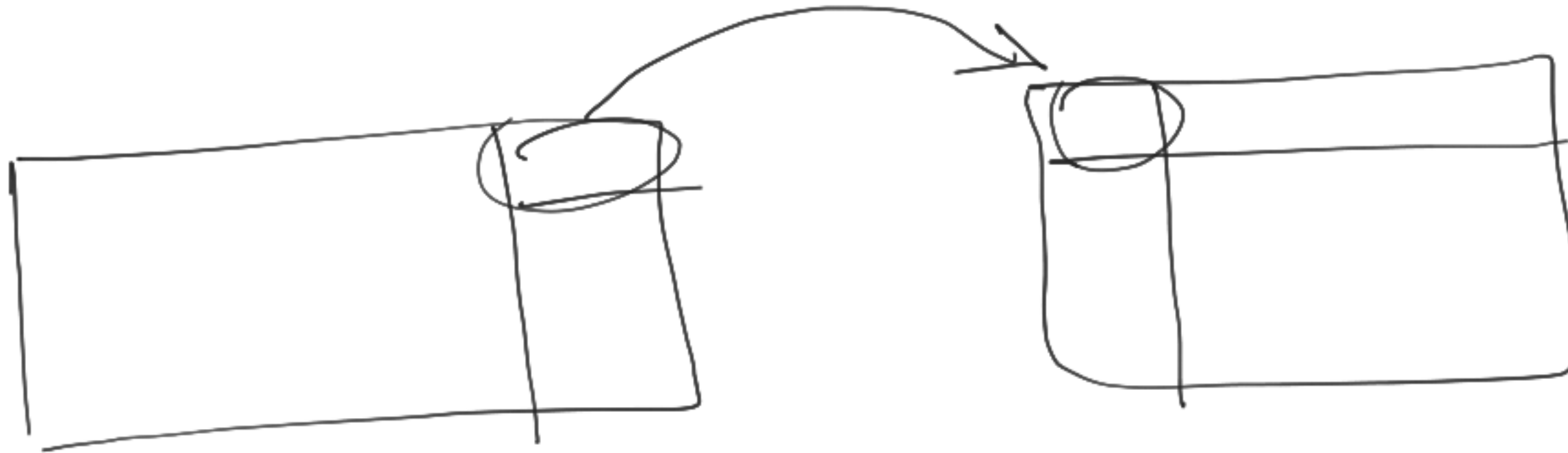Student

id	name
1	john
2	jane
3	bob
4	alice

inner join

```
select name, id from student

select name, student_id from course

SELECT student.name, course.name FROM
            as sname              as cname
  student INNER JOIN course ON student.id = course.student_id
```
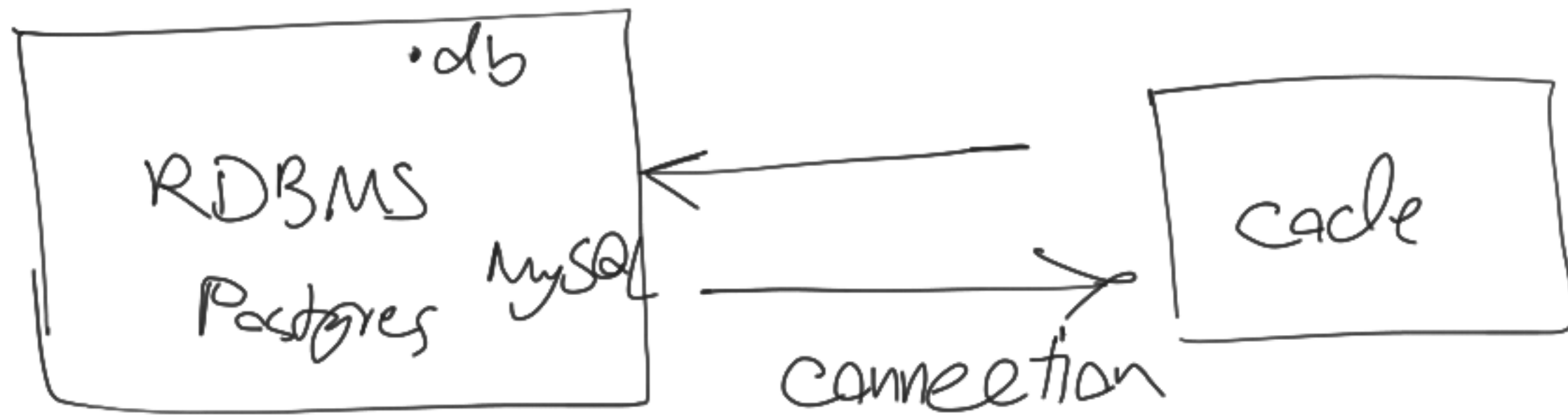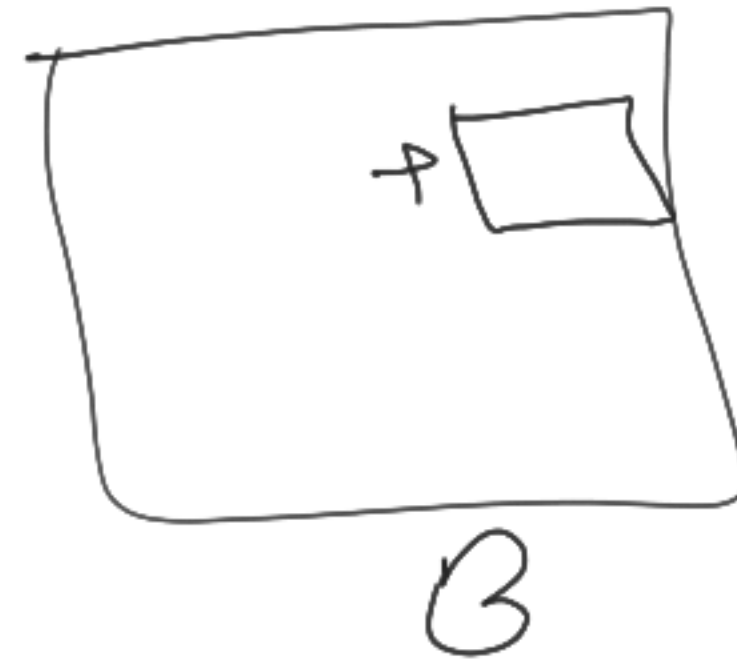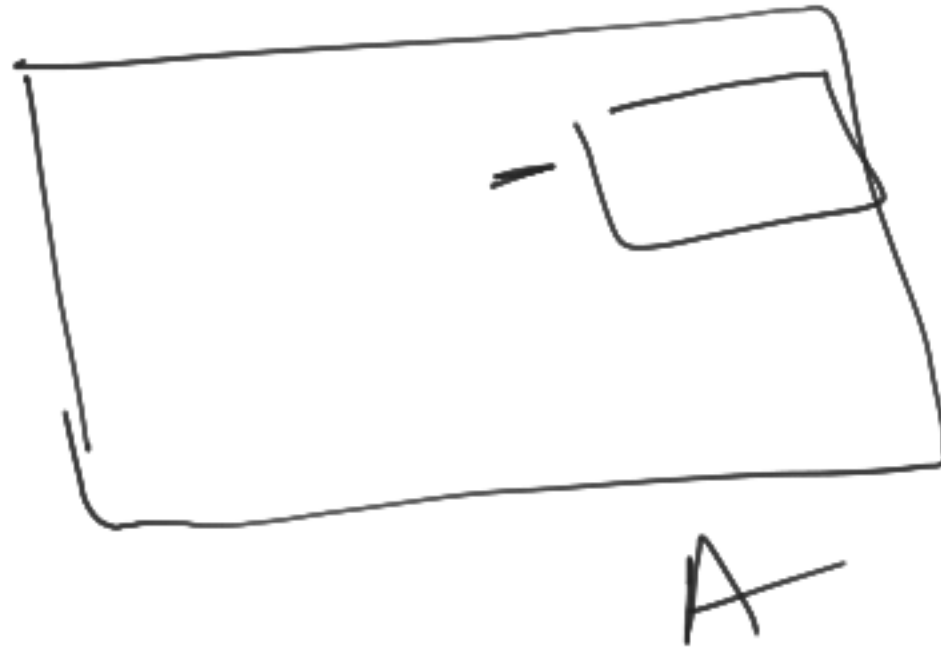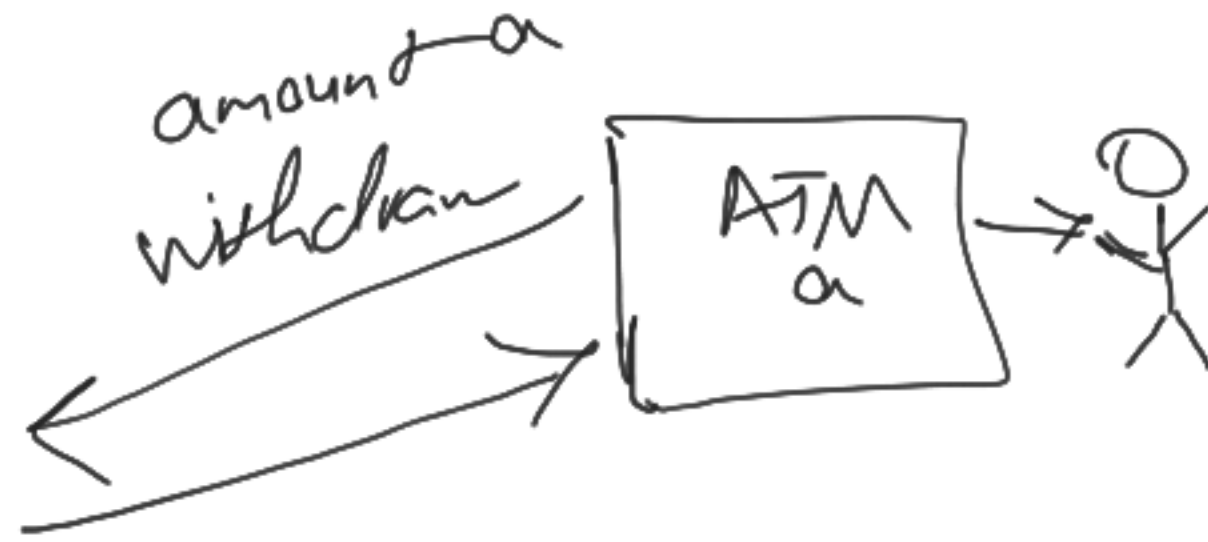
customer

product

shop

RDBMS

•db

Postgres   MySQL

Cacle

connection

Transaction   RDBMS

amount-a
withdrew

ATM
a

amount - [a]
DB

A

→ p

B
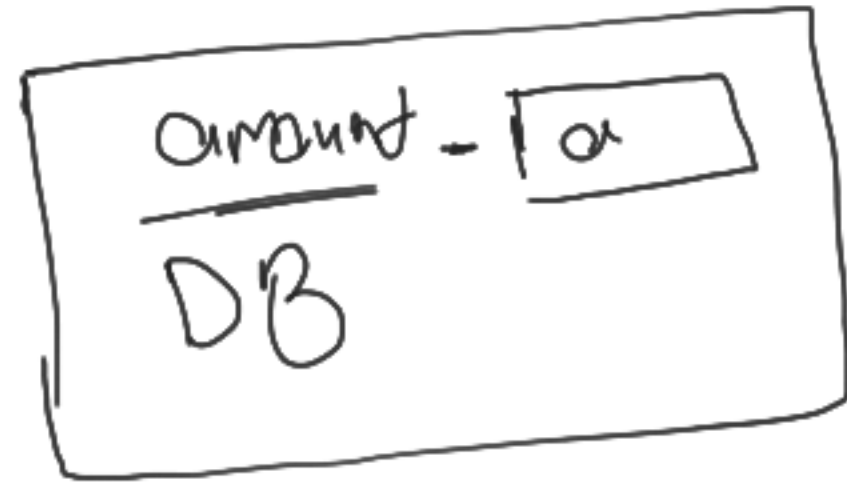
Transaction ⟶ A Set of works as a Single unit of work

commit

rollback
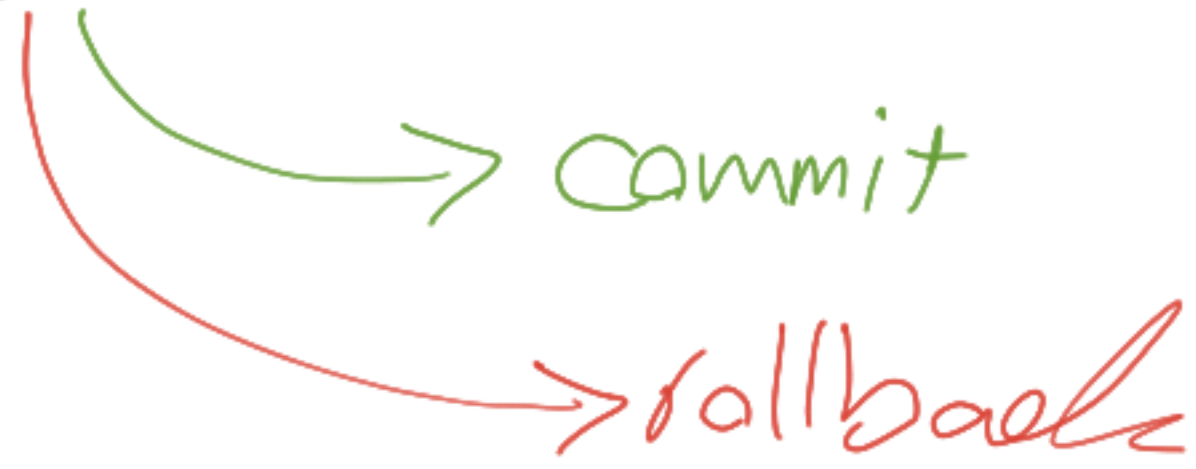
insert   update

delete

connection object

with conn:
_____
_____
_____
_____
_____
_____

```
conn = sqlite3.connect()
cursor = conn.cursor()
```

CRUD

Commit

with conn:

Cursor. execute ("Select * FROM Customers;")

cursor. fetchone() $\longrightarrow$ پہلی صرف ایک ریکارڈ

cursor. fetchmany(—) $\longrightarrow$ ریکارڈ کے اپنے حساب سے

cursor. fetchall() $\longrightarrow$ سب ریکارڈ کو اکٹھے
سیلیکٹ کرنا