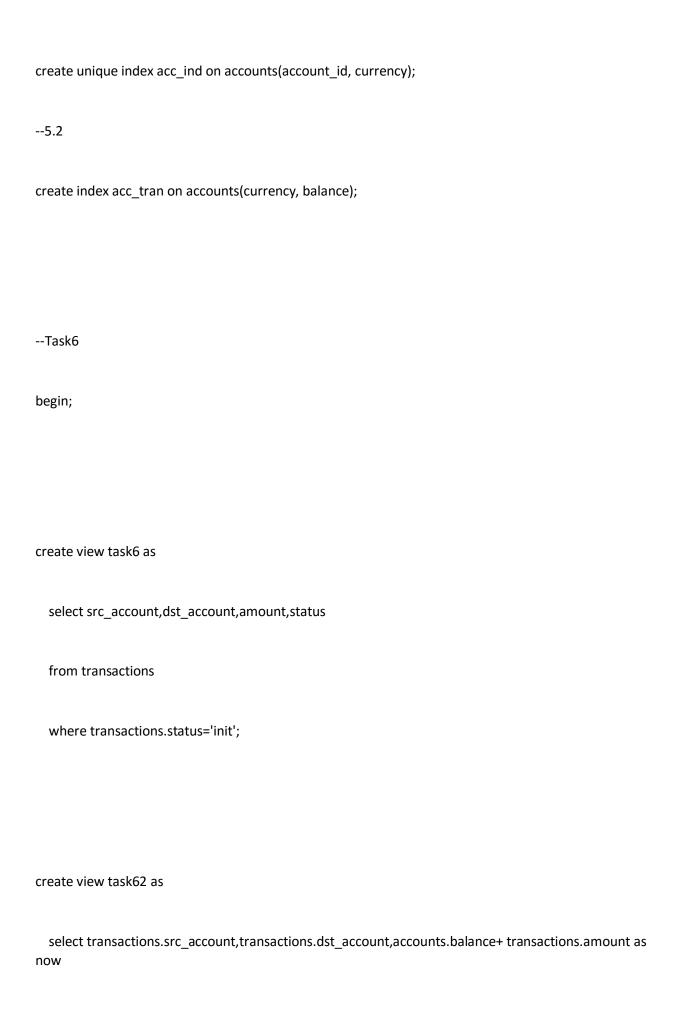
Task1
Large objects (photos, videos, CAD files, etc.) are stored as a large object:
•blob: binary large object object is a large collection of uninterpreted
binary data (whose interpretation is left to an application outside of the database system)•
clob: character large object
object is a large collection of character data
Task2
You can give users access to tables. These privileges can be any combination
of SELECT, INSERT, UPDATE, DELETE, REFERENCES, ALTER, INDEX, or others
A role is a way to distinguish among various users as far as what
these users can access/update in the database.
A user is a database level security principal.
Logins must be mapped to a database user to connect to a database.

create user professor;

create role accountant;
create role administrator;
create role support;
grant select on accounts, transactions to accountant;
grant update on transactions to accountant;
grant delete on transactions to accountant;
grant all privileges on accounts, customers, transactions to administrator;
grant select on accounts, customers, transactions to support;
2.2
create user student;
grant accountant to student;

grant administrator to professor;
2.3
grant support to accountant;
2.4
revoke select on transactions from student;
Task3
alter table accounts
add constraint acc_con check (accounts.currency is not null);
Task5

--5.1



from transactions, accounts
where transactions.status='init' and transactions.dst_account = accounts.account_id;
create view task622 as
select transactions.src_account,transactions.dst_account,accounts.balance- transactions.amount as now
from transactions, accounts
where transactions.status='init' and transactions.src_account = accounts.account_id;
update transactions
set status='committed'
where status='init';
rollback;
commit;