Constraints
1. Primary Key
   - NOT NULL + Unique
2. Foreign Key
   -
3. Check

FOREIGN KEY (deptno) REFERENCES depts(deptno) ON UPDATE CASCADE
ON DELETE CASCADE

emps -> mgr -> empno

Alter

PSM ->
Trigger ->
python
function->

Normalization
Adv sql

PSM -> Persistant Stored Module

```
DELIMITER $$
sp_hello{
statement 1;
statement 2;
.
.
.
}
$$
DELIMITER ;
```

```
int main(){
statement 1;
statement 2;
.
.
.
}
```

accounts
1, saving, 10000
2,current,20000

transactions
1, credit,5000,2
2, debit,7000,2

TCL

transactions
tx_id,
accno,
balance,
type,
status (failed,success)

create a triggger on transations
AFETR INSERT
BEFORE INSERT   NEW

AFTER UPDATE   NEW
BEFORE UPDATE   OLD

AFTER DELETE   OLD
BEFORE DELETE

```
trigger(){

if(true){
SET NEW.status="success"';
else
SET NEW.status = "Failed"
}
```

Orders
5672,1001, 12, date, pickup,

Delivery

5672,1001, Deliverd

```
}
```

DDL -> CRETAE
DML -> INSERT, UPDATE, DELETE
DQL -> SELECT -> JOINS & Subquery
DCL ->
TCL ->
Normalization

JDBC

SELECT   mysql

"INSERT INTO emp(empno,ename,sal) VALUES(?,?,?)"
ps.setString(1,empid);

CREATE USER dbda WITH mysql_native_password IDENTIFIED BY "Dbda@123";
GRANT ALL PRIVILEGES ON *.* TO dbda;