

# 需求设计 概念设计 逻辑设计 → 物设

cur: Goodsea Goodwind

new: Goodsky

15年可能有516船

属: capacity

registry

Ship

Cruise

name

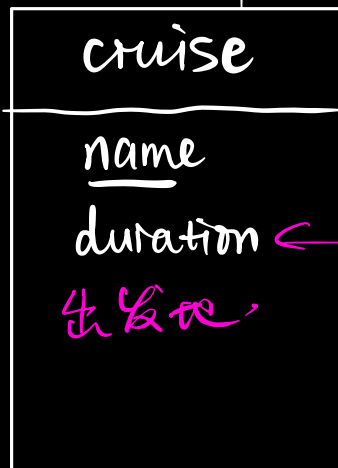
duration (持续时间: 3, 7, 11, 14)

ship 1对1

port stops  
(number)

3: 1 stop (2nd day)  
7: 3 stops

stop



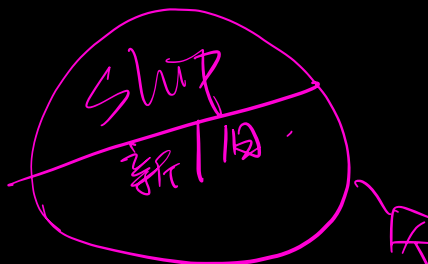
邮轮起船不同, stop 不同

Cabin

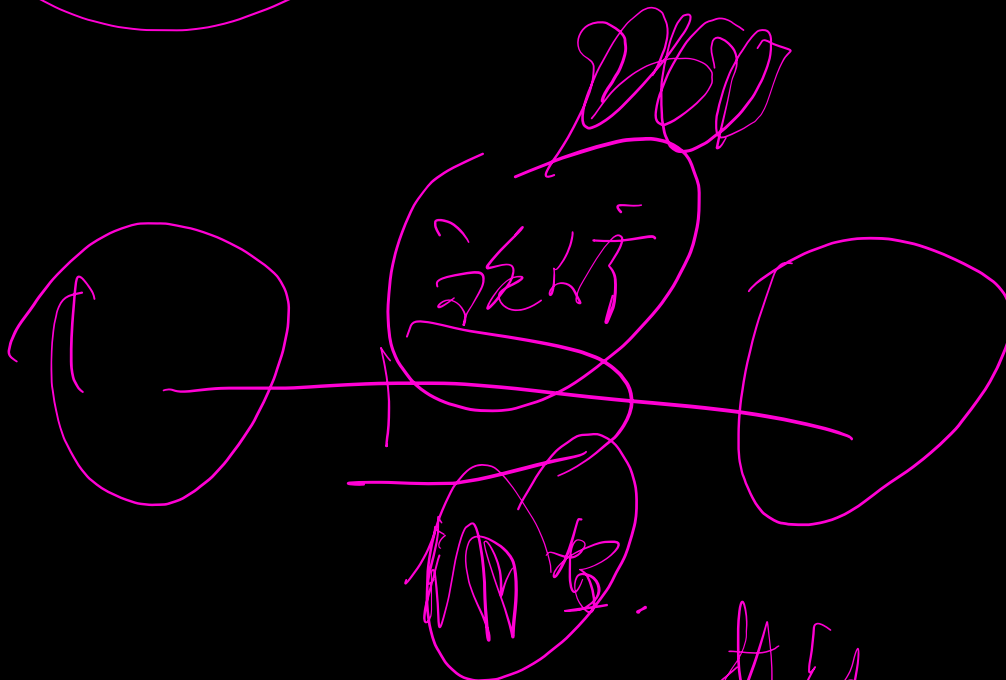
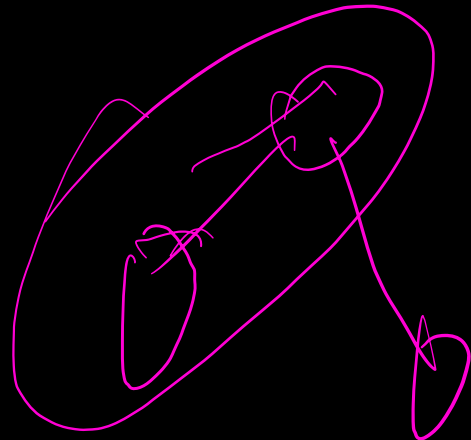
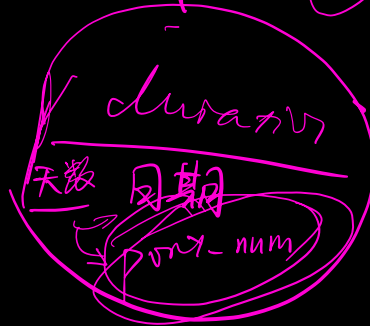
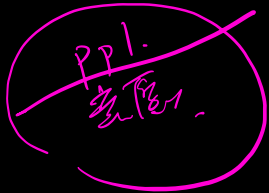
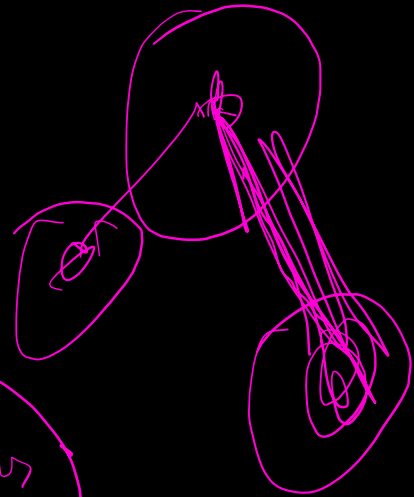
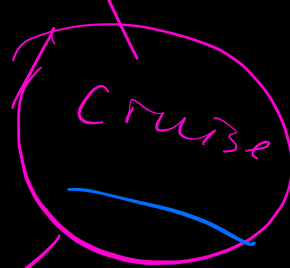
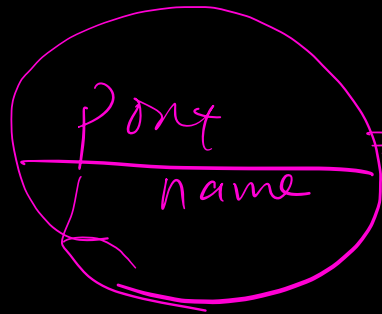
price: 人数, 等级

passenger book → cruise

informed



choose available cabin



数据库系统

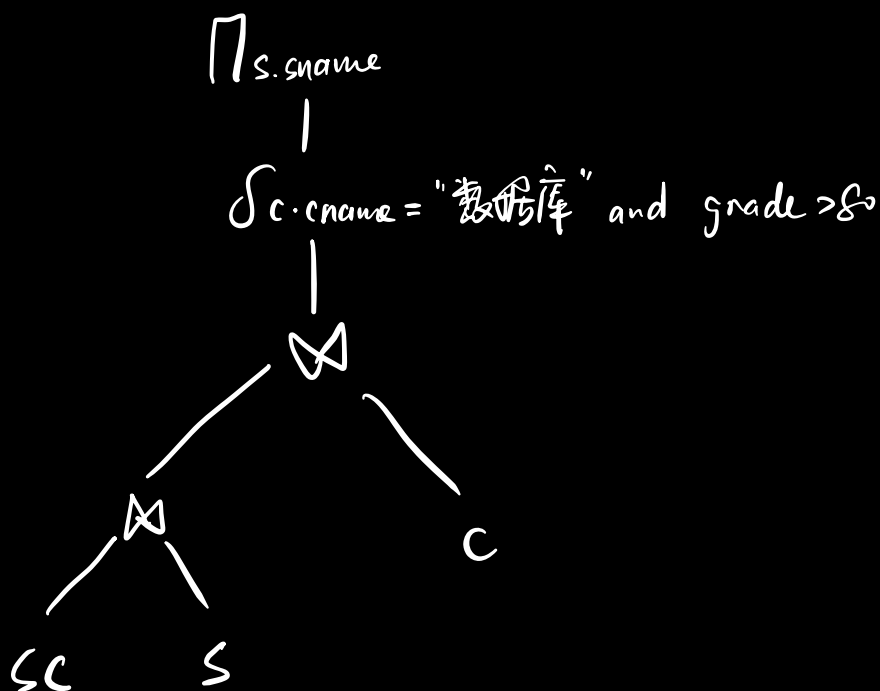
port-num

select S.sname

from (sc natural join S) natural join C

where C.cname = "数据库" and grade > 80

$$\pi_{sname} \left( \left( \pi_{cid} \left( \sigma_{cname = \text{"数据库"}}(C) \right) \bowtie \sigma_{grade > 80} SC \right) \bowtie \pi_{sname, sid}(S) \right)$$



4代F6:

