1. **π**snum,sname(**σ**age>18∧age<20∧sex=’女’(s))
2. **π**sname(**σ**cnum=’c2’ ∧score>=90(s**∞**sc))
3. **π**cname(**σ**sname=’李强’(s**∞**(**π**snum,cnum,cname(sc**∞**c)))
4. **π**snum(**σ**cname=’数据库’(sc**∞**s)) **−π**snum(**σ**cname=’多媒体’(sc**∞**s))
5. **π**sname(s**∞σ**cname≠’数据库’(sc**∞**c))
6. **π**sname(**σ**cnum≠cnum1(sc**∞**ρsc1(snum,cnum1,score)(sc)))
7. **π**sname(s**∞**(sc**÷π**cnum(**σ**sname=’李强’(sc**∞**s))))
8. **π**sname(s**∞**(sc**÷**(**π**cnum(c))) **∩π**sname(s**∞**(**σ**score≥80(sc)))