



```
25
               #4.e
               select distinct student.name
       26 •
       27
                    from student natural join takes
                    where (course id like 'CS%');
       28
               #A f Find the enrollment of each section that was offe
       20
                                                  Export: Wrap Cell Content: TA
  Result Grid
               N Filter Rows: Q
       name
       Zhang
  2
       Shankar
       Levy
  3
       Williams
       Brown
  5
       Bourikas
            #4.f Find the enrollment of each section that was offered in Spring 2009.
     29
     30 •
            select course id, sec_id, semester, year, count(ID) as enrollment
     31
                 from takes natural join student
                 where year=2009 and semester='Spring'
     32
                 group by course id, sec id, semester, year;
     33
            #4.g unsure of the wording on this question??? Find the maximum enrollment, ac
     34
            select max(T.enrollment)
     35 •
     36
                 from
                      (select course id sec id semester year count(ID) enrollment
Result Grid 🔢 🙌 Filter Rows: Q
                                             Export: Wrap Cell Content: TA
     course id sec id semester year enrollment
     CS-190
              2
                     Spring
                              2009 2
     EE-181
                     Spring
                              2009 1
   34 #4.g unsure of the wording on this question??? Find the maximum enrollment, across all sections, in Spring 2009.
   35 • select max(T.enrollment)
   36
   37 □
               (select course_id, sec_id, semester, year, count(ID) enrollment
   38
                  from takes natural join student
                  where year=2009 and semester='Spring'
   39
                     group by course id, sec id, semester, year) T;
              delete all courses that have never been offered (don't occur in the section relation)
Result Grid 🏢 🙌 Filter Rows: 🔾
                               Export: Wrap Cell Content: IA
```

max(T.enrollment)

2

```
41 #4.h - delete all courses that have never been offered (don't occur in the section relation)
    42 • delete
    43 from course
    44 → where course_id not in
    45 E
                                  (select course id
    46
                                  from section);
    47
    48
    49 • delete
    50
               from course
        日日
    51
               where course id =(select *
    52
                                       from (select course.course id
    53
                                                from section right join course
    54
                                                on section.course_id=course.course_id
    55
                                                where section.course_id is null) as T);
    56
    57
    58
    59 •
           select *
    60
           from course;
    61
    62
    63
    64
    65
     66
Result Grid 🏢 🙌 Filter Rows: Q
                                          Edit: 🚄 拱 Export/Import: 📺 🐻 Wrap Cell Content: ై 🔻
    course id
            title
                                     dept_name credits
    BIO-101
             Intro. to Biology
                                     Biology
                                                4
2
    BIO-301
             Genetics
                                     Biology
                                                4
    CS-101
                                     Comp. Sci. 4
3
             Intro. to Computer Science
    CS-190
             Game Design
                                     Comp. Sci. 4
4
    CS-315
             Robotics
5
                                     Comp. Sci. 3
6
    CS-319
             Image Processing
                                     Comp. Sci. 3
7
    CS-347
             Database System Concepts Comp. Sci. 3
8
    EE-181
             Intro. to Digital Systems
                                     Elec. Eng.
                                               3
9
    FIN-201
             Investment Banking
                                     Finance
                                                3
    HIS-351
10
             World History
                                     History
                                                3
11
    MU-199
             Music Video Production
                                     Music
                                                3
    PHY-101 Physical Principles
                                     Physics
                                                4
12
    NULL
             NULL
                                     NULL
                                               NULL
```