1. /\*
2. 3.10
3. a.
4. \*/
5. **update**  employee
6. **set**     city = 'Newtown'
7. **where**   employee\_name = 'Jones'
9. /\*
10. 3.10
11. b.
12. \*/
13. **update**  works
14. **set**     works.salary = works.salary\*1.03
15. **where**   works.employee\_name in(**select** manager\_name
16. **from**   managers)
17. and works.salary\*1.1>100000
18. and works.company\_name = 'First Bank Corporation'
20. **update**  works
21. **set**     works.salary = works.salary\*1.1
22. **where**   works.employee\_name in (**select**  managers\_name
23. **from**    managers)
24. and works.salary\*1.1<=100000
25. and works.company\_name = 'First Bank Corporation'
27. /\*
28. 3.11
29. a.
30. \*/
31. **select**  **name**
32. **from**    student natural join takes natural join course
33. **where**   course.dept = 'Comp.Sci'
35. /\*
36. 3.11
37. b.
38. \*/
39. **select**  id, **name**
40. **from**    student
41. **except**
42. **select**  id, **name**
43. **from**    student natural join takes
44. **where**   year < 2009
45. /\*
46. 3.11
47. c.
48. \*/
49. **select**  **max**(salary)
50. **from**    instructor
51. **group** **by** dept\_name
53. /\*
54. 3.11
55. d.
56. \*/
57. **select**  **min**(salary)
58. **from**    (**select** **max**(salary)
59. **from**   instructor
60. **group** **by** dept\_name)
62. /\*
63. 3.15
64. a.
65. \*/
66. **select**  customer\_name
67. **from**    customer **as** b
68. **where**   (**select** count(**distinct** branch\_name)
69. **from**    (customer natural join acount natural join branch natural join depositor) **as** a
70. **where**   a.customer\_name = b.customer\_name)
71. =
72. (**select** count (\*)
73. **from**   branch
74. **where**  branch\_city = 'Brooklyn')
76. /\*
77. 3.15
78. b.
79. \*/
80. **select**  sum(amount)
81. **from**    loan


85. /\*
86. 3.15
87. c.
88. \*/
89. **select**  branch\_name
90. **from**    branch **as** A
91. **where**   A.assets > some(**select** assets
92. **from**   branch **as** B
93. **where**  B.branch\_city = 'Brooklyn')