1. */\**
2. *select meno, priezvisko, count(\*) from osobne\_udaje*
3. *join student using(rod\_cislo)*
4. *join zap\_predmety using(os\_cislo)*
5. *group by meno, priezvisko, rod\_cislo, os\_cislo*
6. *having count(\*) > 4;*
8. *7 riadkov*
9. *\**
10. *\*/*

13. *-- 8.1.2*
14. */\**
15. *select meno, priezvisko*
16. *from osobne\_udaje*
17. *join student using(rod\_cislo)*
18. *where not exists (select os\_cislo from zap\_predmety*
19. *where zap\_predmety.os\_cislo = student.os\_cislo);*
21. *3 riadky*
23. *months\_between(d1,d2) pocet mesiacov medzi 2 datumami*
24. *\**
25. *\*/*
27. *-- 8.1.3*
28. */\**
29. *select meno, priezvisko,count(\*),zap\_predmety.cis\_predm from osobne\_udaje*
30. *join student using(rod\_cislo)*
31. *join zap\_predmety using(os\_cislo)*
32. *group by rod\_cislo, meno, priezvisko, os\_cislo, cis\_predm*
33. *having count(\*) > 1;*
35. *4 riadky*
36. *\**
37. *\*/*
38. */\**
39. *select meno,priezvisko,zap\_predmety.cis\_predm from osobne\_udaje, zap\_predmety z1, zap\_predmety z2*
40. *join student using(rod\_cislo)*
41. *where z1.cis\_predm in (select cis\_predm from z2 where z2.os\_cislo = z1.os\_cislo);*

44. *\**
45. *\*/*
47. *-- 8.1.4*
48. */\**
49. *select meno, priezvisko,*
50. *substr(rod\_cislo,5,2) || '.' ||*
51. *decode(substr(rod\_cislo,3,1),'0','0','1','1','5','0','6','1', '0') ||*
52. *substr(rod\_cislo,4,1) || '.' ||*
53. *substr(rod\_cislo,1,2) as datum\_narodenia, rod\_cislo*
54. *from osobne\_udaje;*
56. *28 riadkov*
58. *\**
59. *\*/*
61. *-- 8.1.5*
62. */\**
63. *select meno,priezvisko,abs(datum\_sk - zapocet) from osobne\_udaje*
64. *join student using(rod\_cislo)*
65. *join zap\_predmety using(os\_cislo)*
66. *where   datum\_sk is not null and*
67. *zapocet is not null;*
68. *36 riadkov*
69. *\**
70. *\*/*
71. *-- 8.1.6*
72. */\**
73. *select meno,priezvisko,predmet.nazov,zap\_predmety.datum\_sk,zap\_predmety.zapocet from osobne\_udaje*
74. *join student using(rod\_cislo)*
75. *join zap\_predmety using(os\_cislo)*
76. *join predmet using(cis\_predm)*
77. *where months\_between(zap\_predmety.datum\_sk,zap\_predmety.zapocet) >= 1;*
78. *\*/*
79. *-- 8.1.7*
80. */\**
81. *select meno,priezvisko,zap\_predmety.skrok,zap\_predmety.datum\_sk, to\_char(zap\_predmety.datum\_sk, 'YYYY')*
82. *from osobne\_udaje*
83. *join student using(rod\_cislo)*
84. *join zap\_predmety using(os\_cislo)*
85. *where*
86. *(skrok + 1 != to\_number(to\_char(zap\_predmety.datum\_sk, 'YYYY'))*
87. *and  to\_char(zap\_predmety.datum\_sk,'MM') < 9)*
88. *or*
89. *(to\_char(zap\_predmety.datum\_sk, 'MM') >= 9 and*
90. *skrok != to\_number(to\_char(zap\_predmety.datum\_sk, 'YYYY')));*
92. *5 riadkov*
93. *\**
94. *\*/*

97. *-- 8.2.1*
98. */\**
99. *select nazov,count(\*) from predmet*
100. *join zap\_predmety using(cis\_predm)*
101. *group by nazov, prednasajuci;*
103. *46 riadkov*
104. *\**
105. *\*/*
107. *-- 8.2.2*
108. *-- select cis\_predm, os\_cislo, count(\*) from zap\_predmety*
109. *--                    group by os\_cislo,cis\_predm;*
110. *-- having count(\*) = 1;*
111. */\**
112. *select distinct nazov from predmet*
113. *--    join zap\_predmety using(cis\_predm)*
114. *where*
115. *cis\_predm not in (select cis\_predm from zap\_predmety)*
116. *or*
117. *cis\_predm not in*
118. *--            (select zap\_predmet.cis\_predm from zap\_predmet, zap\_predmet2 where*
119. *--                zap\_predmet.os\_cislo != zap\_predmet2.os\_cislo)*
120. *(select cis\_predm from zap\_predmety*
121. *group by os\_cislo,cis\_predm*
122. *having count(\*) = 1);*
124. *\**
125. *\*/*
127. *-- 8.2.3\*
128. */\**
129. *select meno, priezvisko*
130. *from osobne\_udaje*
131. *where*
132. *decode(substr(rod\_cislo,3,1),'0','0','1','1','5','0','6','1', '0') ||*
133. *substr(rod\_cislo, 4, 1) = to\_char(sysdate, 'MM')*
134. *and*
135. *substr(rod\_cislo, 5, 2) = to\_char(sysdate, 'DD');*
137. *\**
139. *select meno, priezvisko, priemer*
140. *from*
141. *(select meno, priezvisko, priemer*
142. *from*
143. *(select meno, priezvisko,*
144. *avg(decode(vysledok,'A',1,'B',1.5,'C',2,'D',2.5,'E',3,'1',1,'2',2,'3',3,4)) priemer*
145. *from osobne\_udaje*
146. *join student using(rod\_cislo)*
147. *join zap\_predmety using(os\_cislo)*
148. *group by meno, priezvisko, os\_cislo)*
149. *order by priemer*
150. *)*
151. *where rownum <= 1;*
152. *-- order by priemer;*
154. *\*/*
156. *-- 8.2.4*
157. */\**
158. *select rozdiel*
159. *from*
160. *(select max(abs(datum\_sk - zapocet)) as rozdiel*
161. *from zap\_predmety*
162. *where*
163. *datum\_sk is not null and*
164. *zapocet is not null*
165. *group by os\_cislo*
166. *order by rozdiel desc)*
167. *where rownum <= 100;*
169. *\*/*
171. *-- 8.2.5*
172. */\**
173. *select distinct meno, priezvisko*
174. *from osobne\_udaje*
175. *join student using(rod\_cislo)*
176. *join zap\_predmety using(os\_cislo)*
177. *where to\_char(student.dat\_prv\_zap, 'YYYY') > zap\_predmety.skrok;*
178. *\*/*
180. *-- 8.2.6*
181. */\**
182. *select distinct meno, priezvisko*
183. *from osobne\_udaje*
184. *join student using(rod\_cislo)*
185. *join zap\_predmety using(os\_cislo)*
186. *where to\_char(student.ukoncenie, 'YYYY') <= zap\_predmety.skrok*
187. *and to\_char(student.ukoncenie, 'MM') < 9;*
189. *\*/*
190. *-- 8.2.7*
191. */\**
192. *select meno, priezvisko, sum(rocnik) as pocet\_rokov*
193. *from osobne\_udaje*
194. *join student using(rod\_cislo)*
195. *group by meno, priezvisko, rod\_cislo;*
197. *select meno, priezvisko, rocnik, st\_odbor*
198. *from osobne\_udaje*
199. *join student using(rod\_cislo)*
200. *where priezvisko = 'Durica';*
201. *\*/*
203. *-- 8.2.8*
204. **SELECT** meno, priezvisko, **COUNT**(\*)
205. **FROM** osobne\_udaje
206. **JOIN** student **USING**(rod\_cislo)
207. **JOIN** zap\_predmety **USING**(os\_cislo)
208. **GROUP** **BY** meno, priezvisko, rod\_cislo, skrok;