```python
1  ''' Database set up for project
2  include tables: STUDENT, STUDENT_AVAILABILITY'''
3
4  create_database_query = "CREATE DATABASE coop_project"
5
6  create_student_table = """
7  CREATE TABLE student(
8      id INT PRIMARY KEY,
9      first_name VARCHAR(16) NOT NULL,
10     last_name VARCHAR(20) NOT NULL,
11     department VARCHAR(20) NOT NULL,
12     class VARCHAR(10) NOT NULL
13  );
14  """
15
16  create_student_availability_table = """
17  CREATE TABLE student_availability(
18      id INT PRIMARY KEY,
19      availability json NOT NULL,
20      week_beginning DATE NOT NULL
21  );
22  """
23
24  alter_student_availability_fk = """
25  ALTER TABLE student_availability
26  ADD FOREIGN KEY (id) REFERENCES student(id)
27  """
28
29  insert_s1 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (001, "Vanshita", "Malhotra", "Front Desk", "Sophomore");'
30  insert_s2 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (002, "Michael", "Cross", "Front Desk", "Sophomore");'
31  insert_s3 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (003, "Sara", "Zorzan", "Front Desk", "Sophomore");'
32  insert_s4 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (004, "Giada", "Zorzan", "Front Desk", "Junior");'
33  insert_s5 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (005, "Nico", "Teynie", "Front Desk", "Senior");'
34  insert_s6 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (006, "Aaron", "Mantilla", "Front Desk", "Senior");'
35  insert_s7 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (007, "Priyam", "Shah", "Front Desk", "Graduate");'
36  insert_s8 = 'INSERT INTO student(id, first_name, last_name, department,
    class) VALUES (008, "Hannah", "Alvarado", "Front Desk", "Junior");'
37
38  insert_s1_avail = """INSERT INTO student_availability(id, availability,
    week_beginning) VALUES(001,
39      '{
40      "Monday" : {
41          "start" : "0600",
42          "end"   : "1400"},
43      "Tuesday" : {
44          "start" : "null",
45          "end"   : "null"},
46      "Wednesday": {
47          "start" : "0600",
48          "end"   : "1400" },
49      "Thursday" : {
50          "start" : "1200",
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 51              "end"    : "2200"},
 52          "Friday" : {
 53              "start" : "0600",
 54              "end"    : "1800"},
 55          "Saturday" : {
 56              "start" : "null",
 57              "end"    : "null"},
 58          "Sunday" : {
 59              "start" : "1000",
 60              "end"    : "1600"}
 61      }',
 62      '2022-12-05');"""
 63  insert_s2_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(002,
 64      '{
 65          "Monday" : {
 66              "start" : "0800",
 67              "end"    : "1300"},
 68          "Tuesday" : {
 69              "start" : "1500",
 70              "end"    : "2200"},
 71          "Wednesday": {
 72              "start" : "1500",
 73              "end"    : "1900"},
 74          "Thursday" : {
 75              "start" : "null",
 76              "end"    : "null"},
 77          "Friday" : {
 78              "start" : "0800",
 79              "end"    : "1800"},
 80          "Saturday" : {
 81              "start" : "0700",
 82              "end"    : "1500"},
 83          "Sunday" : {
 84              "start" : "1200",
 85              "end"    : "2000"}
 86      }',
 87      '2022-12-05');"""
 88  insert_s3_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(003,
 89      '{"Monday"    : {
 90              "start" : "null",
 91              "end"    : "null"},
 92          "Tuesday"   : {
 93              "start" : "0900",
 94              "end"    : "2200"},
 95          "Wednesday": {
 96              "start" : "1000",
 97              "end"    : "2000"},
 98          "Thursday" : {
 99              "start" : "0800",
100              "end"    : "1400"},
101          "Friday"   : {
102              "start" : "1500",
103              "end"    : "2300"},
104          "Saturday" : {
105              "start" : "0600",
106              "end"    : "1300"},
107          "Sunday"   : {
108              "start" : "0600",
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109          "end"   : "1200"}
110      }', '2022-12-05');"""
111  insert_s4_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(004,
112      '{"Monday"    : {
113          "start" : "1300",
114          "end"   : "2200"},
115      "Tuesday"   : {
116          "start" : "0600",
117          "end"   : "1200"},
118      "Wednesday": {
119          "start" : "1000",
120          "end"   : "1700"},
121      "Thursday" : {
122          "start" : "0500",
123          "end"   : "1300"},
124      "Friday"    : {
125          "start" : "null",
126          "end"   : "null"},
127      "Saturday" : {
128          "start" : "0700",
129          "end"   : "1300"},
130      "Sunday"    : {
131          "start" : "null",
132          "end"   : "null"}
133      }', '2022-12-05');"""
134  insert_s5_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(005,
135      '{"Monday"    : {
136          "start" : "0600",
137          "end"   : "1800"},
138      "Tuesday"   : {
139          "start" : "1000",
140          "end"   : "1500"},
141      "Wednesday": {
142          "start" : "1300",
143          "end"   : "2200"},
144      "Thursday" : {
145          "start" : "null",
146          "end"   : "null"},
147      "Friday"    : {
148          "start" : "null",
149          "end"   : "null"},
150      "Saturday" : {
151          "start" : "null",
152          "end"   : "null"},
153      "Sunday"    : {
154          "start" : "null",
155          "end"   : "null"}
156      }', '2022-12-05');"""
157  insert_s6_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(006,
158      '{"Monday"    : {
159          "start" : "1700",
160          "end"   : "2200"},
161      "Tuesday"   : {
162          "start" : "0600",
163          "end"   : "1800"},
164      "Wednesday": {
165          "start" : "0600",
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166          "end"    : "1400"},
167      "Thursday" : {
168          "start" : "1300",
169          "end"    : "2200"},
170      "Friday"   : {
171          "start" : "0600",
172          "end"    : "1800"},
173      "Saturday" : {
174          "start" : "0700",
175          "end"    : "1700"},
176      "Sunday"   : {
177          "start" : "0700",
178          "end"    : "1700"}
179      }', '2022-12-05');"""
180  insert_s7_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(007,
181      '{"Monday"   : {
182          "start" : "0600",
183          "end"    : "1500"},
184      "Tuesday"  : {
185          "start" : "1300",
186          "end"    : "2300"},
187      "Wednesday": {
188          "start" : "1300",
189          "end"    : "2300"},
190      "Thursday" : {
191          "start" : "1300",
192          "end"    : "2300"},
193      "Friday"   : {
194          "start" : "1700",
195          "end"    : "2300"},
196      "Saturday" : {
197          "start" : "null",
198          "end"    : "null"},
199      "Sunday"   : {
200          "start" : "0700",
201          "end"    : "1200"}
202      }', '2022-12-05');"""
203  insert_s8_avail = """INSERT INTO student_availability(id, availability,
     week_beginning) VALUES(008,
204      '{"Monday"   : {
205          "start" : "1800",
206          "end"    : "2300"},
207      "Tuesday"  : {
208          "start" : "1000",
209          "end"    : "1400"},
210      "Wednesday": {
211          "start" : "0600",
212          "end"    : "1400"},
213      "Thursday" : {
214          "start" : "0600",
215          "end"    : "1800"},
216      "Friday"   : {
217          "start" : "1300",
218          "end"    : "2200"},
219      "Saturday" : {
220          "start" : "0700",
221          "end"    : "1200"},
222      "Sunday"   : {
223          "start" : "1200",
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224           "end"    : "1700"}
225      }', '2022-12-05');"""
226
227
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