

```
1 =====
2 Part 1A
3 =====
```

```
4
5 -- 1(a)
```

	country_code	country_name	gdp	inflation
9	CAN	CANADA	1643407000.98	4.10
10	GUA	GUATEMALA	77604632.17	3.67
11	USA	UNITED STATES	209036600.00	3.40

```
12
13 3 rows in set (0.00 sec)
```

```
14
15 -- 1(b)
```

	country_code	country_name	inflation	province_name	gdp
19	CAN	CANADA	4.10	British-Columbia	1643407000.98
20	CAN	CANADA	4.10	Manitoba	1643407000.98
21	CAN	CANADA	4.10	Quebec	1643407000.98
22	MEX	MEXICO	6.00	Jalisco	1076130.32
23	MEX	MEXICO	6.00	Sinaloa	1076130.32
24	MEX	MEXICO	6.00	Tobasco	1076130.32

```
25
26 6 rows in set (0.00 sec)
```

```
27
28 -- 1(c)
```

	country_code	country_name	inflation	province_name	gdp
32	CAN	CANADA	4.10	British-Columbia	1643407000.98
33	CAN	CANADA	4.10	Manitoba	1643407000.98
34	CAN	CANADA	4.10	Quebec	1643407000.98
35	MEX	MEXICO	6.00	Jalisco	1076130.32
36	MEX	MEXICO	6.00	Sinaloa	1076130.32
37	MEX	MEXICO	6.00	Tobasco	1076130.32

```
38
39 6 rows in set (0.00 sec)
```

```
40
41 -- 1(d)
```

	country_code	country_name	province_name	area
45	MEX	MEXICO	Jalisco	2479.970
46	CAN	CANADA	Quebec	24860.800
47	USA	UNITED STATES	Delaware	5133.360
48	GUA	GUATEMALA	Zacapa	5133.360
49	GUA	GUATEMALA	Escuintla	2784.970
50	MEX	MEXICO	Tobasco	5133.360
51	MEX	MEXICO	Sinaloa	2407.800
52	USA	UNITED STATES	Oregon	248607.800

```

53 | CAN          | CANADA          | British-Columbia | 2879.970 |
54 | USA          | UNITED STATES   | Washington        | 278479.970 |
55 | CAN          | CANADA          | Manitoba          | 51333.360 |
56 +-----+-----+-----+-----+
57 11 rows in set (0.00 sec)
58
59 -- 1(e)
60 +-----+-----+-----+-----+
61 | country_code | country_name    | province_name     | area        |
62 +-----+-----+-----+-----+
63 | MEX          | MEXICO          | Jalisco           | 2479.970    |
64 | CAN          | CANADA          | Quebec            | 24860.800    |
65 | USA          | UNITED STATES   | Delaware           | 5133.360    |
66 | GUA          | GUATEMALA       | Zacapa            | 5133.360    |
67 | GUA          | GUATEMALA       | Escuintla         | 2784.970    |
68 | MEX          | MEXICO          | Tobasco           | 5133.360    |
69 | MEX          | MEXICO          | Sinaloa           | 2407.800    |
70 | USA          | UNITED STATES   | Oregon            | 248607.800   |
71 | CAN          | CANADA          | British-Columbia  | 2879.970    |
72 | USA          | UNITED STATES   | Washington        | 278479.970   |
73 | CAN          | CANADA          | Manitoba          | 51333.360   |
74 +-----+-----+-----+-----+
75 11 rows in set (0.00 sec)
76
77 -- 1(f)
78 +-----+-----+-----+-----+
79 | country_code | country_name    | province_name     | area        |
80 +-----+-----+-----+-----+
81 | MEX          | MEXICO          | Jalisco           | 2479.970    |
82 | CAN          | CANADA          | Quebec            | 24860.800    |
83 | USA          | UNITED STATES   | Delaware           | 5133.360    |
84 | GUA          | GUATEMALA       | Zacapa            | 5133.360    |
85 | GUA          | GUATEMALA       | Escuintla         | 2784.970    |
86 | MEX          | MEXICO          | Tobasco           | 5133.360    |
87 | MEX          | MEXICO          | Sinaloa           | 2407.800    |
88 | USA          | UNITED STATES   | Oregon            | 248607.800   |
89 | CAN          | CANADA          | British-Columbia  | 2879.970    |
90 | USA          | UNITED STATES   | Washington        | 278479.970   |
91 | CAN          | CANADA          | Manitoba          | 51333.360   |
92 +-----+-----+-----+-----+
93 11 rows in set (0.00 sec)
94
95 -- 1(g)
96 +-----+-----+-----+-----+
97 | country_code | country_name    | province_name     | area        |
98 +-----+-----+-----+-----+
99 | MEX          | MEXICO          | Jalisco           | 2479.970    |
100 | CAN          | CANADA          | Quebec            | 24860.800    |
101 | USA          | UNITED STATES   | Delaware           | 5133.360    |
102 | GUA          | GUATEMALA       | Zacapa            | 5133.360    |
103 | GUA          | GUATEMALA       | Escuintla         | 2784.970    |
104 | MEX          | MEXICO          | Tobasco           | 5133.360    |

```

105		MEX		MEXICO		Sinaloa		2407.800	
106		USA		UNITED STATES		Oregon		248607.800	
107		CAN		CANADA		British-Columbia		2879.970	
108		USA		UNITED STATES		Washington		278479.970	
109		CAN		CANADA		Manitoba		51333.360	

110 +-----+-----+-----+-----+

111 11 rows in set (0.00 sec)

112
113 -- 1(h)

114	+	-----	+	-----	+	-----	+	-----	+	-----	+	-----	+
115		city_name		province_name		country_code		city_name		province_name		country_code	
116	+	-----	+	-----	+	-----	+	-----	+	-----	+	-----	+
117		Arden		Delaware		USA		Acatic		Jalisco		MEX	
118		Eugene		Oregon		USA		Acatic		Jalisco		MEX	
119		Spokane		Washington		USA		Acatic		Jalisco		MEX	
120		Vancouver		British-Columbia		CAN		Acatic		Jalisco		MEX	
121		Elota		Sinaloa		MEX		Amos		Quebec		CAN	
122		Happy Valley		Oregon		USA		Amos		Quebec		CAN	
123		Pihuamo		Jalisco		MEX		Amos		Quebec		CAN	
124		Pike Creek		Delaware		USA		Amos		Quebec		CAN	
125		Villahermosa		Tobasco		MEX		Amos		Quebec		CAN	
126		Walla Wall		Washington		USA		Amos		Quebec		CAN	
127		Acatic		Jalisco		MEX		Arden		Delaware		USA	
128		Cardenas		Tobasco		MEX		Arden		Delaware		USA	
129		Vancouver		British-Columbia		CAN		Arden		Delaware		USA	
130		Lorraine		Quebec		CAN		Arenal		Zacapa		GUA	
131		Rossland		British-Columbia		CAN		Arenal		Zacapa		GUA	
132		Lorraine		Quebec		CAN		Baul		Escuintla		GUA	
133		Rossland		British-Columbia		CAN		Baul		Escuintla		GUA	
134		Delta		British-Columbia		CAN		Brito		Escuintla		GUA	
135		Steinbach		Manitoba		CAN		Brito		Escuintla		GUA	
136		Delta		British-Columbia		CAN		Capucal		Zacapa		GUA	
137		Steinbach		Manitoba		CAN		Capucal		Zacapa		GUA	
138		Arden		Delaware		USA		Cardenas		Tobasco		MEX	
139		Eugene		Oregon		USA		Cardenas		Tobasco		MEX	
140		Spokane		Washington		USA		Cardenas		Tobasco		MEX	
141		Vancouver		British-Columbia		CAN		Cardenas		Tobasco		MEX	
142		Zunil		Quetzaltenango		GUA		Choix		Sinaloa		MEX	
143		Portland		Oregon		USA		Comalcalco		Tobasco		MEX	
144		Seattle		Washington		USA		Comalcalco		Tobasco		MEX	
145		Wilmington		Delaware		USA		Comalcalco		Tobasco		MEX	
146		Brito		Escuintla		GUA		Delta		British-Columbia		CAN	
147		Capucal		Zacapa		GUA		Delta		British-Columbia		CAN	
148		Ostuncalco		Quetzaltenango		GUA		Delta		British-Columbia		CAN	
149		Amos		Quebec		CAN		Elota		Sinaloa		MEX	
150		Happy Valley		Oregon		USA		Elota		Sinaloa		MEX	
151		Pike Creek		Delaware		USA		Elota		Sinaloa		MEX	
152		Walla Wall		Washington		USA		Elota		Sinaloa		MEX	
153		Acatic		Jalisco		MEX		Eugene		Oregon		USA	
154		Cardenas		Tobasco		MEX		Eugene		Oregon		USA	
155		Vancouver		British-Columbia		CAN		Eugene		Oregon		USA	
156		Amos		Quebec		CAN		Happy Valley		Oregon		USA	

157	Elota	Sinaloa	MEX	Happy Valley	Oregon	USA	90000
158	Pihuamo	Jalisco	MEX	Happy Valley	Oregon	USA	90000
159	Villahermosa	Tobasco	MEX	Happy Valley	Oregon	USA	90000
160	Arenal	Zacapa	GUA	Lorraine	Quebec	CAN	1500
161	Baul	Escuintla	GUA	Lorraine	Quebec	CAN	1500
162	Delta	British-Columbia	CAN	Ostuncalco	Quetzaltenango	GUA	900
163	Steinbach	Manitoba	CAN	Ostuncalco	Quetzaltenango	GUA	900
164	Amos	Quebec	CAN	Pihuamo	Jalisco	MEX	90000
165	Happy Valley	Oregon	USA	Pihuamo	Jalisco	MEX	90000
166	Pike Creek	Delaware	USA	Pihuamo	Jalisco	MEX	90000
167	Walla Wall	Washington	USA	Pihuamo	Jalisco	MEX	90000
168	Amos	Quebec	CAN	Pike Creek	Delaware	USA	90000
169	Elota	Sinaloa	MEX	Pike Creek	Delaware	USA	90000
170	Pihuamo	Jalisco	MEX	Pike Creek	Delaware	USA	90000
171	Villahermosa	Tobasco	MEX	Pike Creek	Delaware	USA	90000
172	Comalcalco	Tobasco	MEX	Portland	Oregon	USA	150000
173	San Marcos	Jalisco	MEX	Portland	Oregon	USA	150000
174	Arenal	Zacapa	GUA	Rossland	British-Columbia	CAN	1500
175	Baul	Escuintla	GUA	Rossland	British-Columbia	CAN	1500
176	Portland	Oregon	USA	San Marcos	Jalisco	MEX	150000
177	Seattle	Washington	USA	San Marcos	Jalisco	MEX	150000
178	Wilmington	Delaware	USA	San Marcos	Jalisco	MEX	150000
179	Comalcalco	Tobasco	MEX	Seattle	Washington	USA	150000
180	San Marcos	Jalisco	MEX	Seattle	Washington	USA	150000
181	Acatic	Jalisco	MEX	Spokane	Washington	USA	115000
182	Cardenas	Tobasco	MEX	Spokane	Washington	USA	115000
183	Vacouver	British-Columbia	CAN	Spokane	Washington	USA	115000
184	Brito	Escuintla	GUA	Steinbach	Manitoba	CAN	900
185	Capucal	Zacapa	GUA	Steinbach	Manitoba	CAN	900
186	Ostuncalco	Quetzaltenango	GUA	Steinbach	Manitoba	CAN	900
187	Acatic	Jalisco	MEX	Vacouver	British-Columbia	CAN	115000
188	Arden	Delaware	USA	Vacouver	British-Columbia	CAN	115000
189	Cardenas	Tobasco	MEX	Vacouver	British-Columbia	CAN	115000
190	Eugene	Oregon	USA	Vacouver	British-Columbia	CAN	115000
191	Spokane	Washington	USA	Vacouver	British-Columbia	CAN	115000
192	Amos	Quebec	CAN	Villahermosa	Tobasco	MEX	90000
193	Happy Valley	Oregon	USA	Villahermosa	Tobasco	MEX	90000
194	Pike Creek	Delaware	USA	Villahermosa	Tobasco	MEX	90000
195	Walla Wall	Washington	USA	Villahermosa	Tobasco	MEX	90000
196	Amos	Quebec	CAN	Walla Wall	Washington	USA	90000
197	Elota	Sinaloa	MEX	Walla Wall	Washington	USA	90000
198	Pihuamo	Jalisco	MEX	Walla Wall	Washington	USA	90000
199	Villahermosa	Tobasco	MEX	Walla Wall	Washington	USA	90000
200	Comalcalco	Tobasco	MEX	Wilmington	Delaware	USA	150000
201	San Marcos	Jalisco	MEX	Wilmington	Delaware	USA	150000
202	Choix	Sinaloa	MEX	Zunil	Quetzaltenango	GUA	100

86 rows in set (0.01 sec)

-- 1(i)

country_code	country_name	
--------------	--------------	--

```

209 +-----+-----+
210 | USA          | UNITED STATES |
211 +-----+-----+
212 1 row in set (0.00 sec)
213
214 -- 1(j)
215 +-----+-----+
216 | country_code | country_name |
217 +-----+-----+
218 | USA          | UNITED STATES |
219 +-----+-----+
220 1 row in set (0.00 sec)
221
222 =====
223 Part 1B
224 =====
225 -- 2(a)
226 +-----+-----+
227 | item_num | set_name          |
228 +-----+-----+
229 |      1005 | Lego City Minifig Pack |
230 +-----+-----+
231 1 row in set (0.00 sec)
232
233 -- 2(b)
234 +-----+-----+
235 | item_num | set_name          |
236 +-----+-----+
237 |      1001 | Jabba's Palace    |
238 |      1002 | Space Shuttle     |
239 |      1003 | Captain Jack's Ship |
240 |      1005 | Lego City Minifig Pack |
241 |      1006 | Autzen Stadium    |
242 +-----+-----+
243 5 rows in set (0.00 sec)
244
245 -- 2(c)
246 +-----+-----+
247 | item_num | set_name          |
248 +-----+-----+
249 |      1001 | Jabba's Palace    |
250 |      1003 | Captain Jack's Ship |
251 +-----+-----+
252 2 rows in set (0.00 sec)
253
254 -- 2(d)
255 +-----+-----+
256 | item_num | set_name          |
257 +-----+-----+
258 |      1006 | Autzen Stadium    |
259 +-----+-----+
260 1 row in set (0.00 sec)

```

```

261
262 -- 2(e)
263 +-----+-----+
264 | item_num | set_name      |
265 +-----+-----+
266 |      1001 | Jabba's Palace |
267 |      1004 | Gas Station    |
268 +-----+-----+
269 2 rows in set (0.00 sec)
270
271 -- 2(f)
272 +-----+-----+
273 | item_num | set_name      |
274 +-----+-----+
275 |      1001 | Jabba's Palace |
276 |      1003 | Captain Jack's Ship |
277 |      1006 | Autzen Stadium |
278 +-----+-----+
279 3 rows in set (0.00 sec)
280
281 -- 2(g)
282 +-----+-----+
283 | item_num | set_name      |
284 +-----+-----+
285 |      1001 | Jabba's Palace |
286 |      1002 | Space Shuttle  |
287 |      1003 | Captain Jack's Ship |
288 |      1004 | Gas Station    |
289 |      1006 | Autzen Stadium |
290 +-----+-----+
291 5 rows in set (0.00 sec)
292
293 -- 2(h)
294 +-----+-----+-----+-----+
295 | item_num | set_name      | brick_name | num_bricks |
296 +-----+-----+-----+-----+
297 |      1001 | Jabba's Palace | 2x4 Brick  |          75 |
298 |      1001 | Jabba's Palace | 2x4 Brick  |          45 |
299 |      1001 | Jabba's Palace | 2x2 Brick  |         905 |
300 |      1001 | Jabba's Palace | 4x16 Plate |          75 |
301 |      1001 | Jabba's Palace | 1x4 Brick  |         100 |
302 |      1001 | Jabba's Palace | 8x8 Flat   |         185 |
303 |      1001 | Jabba's Palace | 2x4 Plate  |          20 |
304 +-----+-----+-----+-----+
305 7 rows in set (0.00 sec)
306
307 +-----+-----+-----+-----+
308 | item_num | brick_name    | num_bricks |
309 +-----+-----+-----+-----+
310 |      1001 | 2x4 Brick     |          75 |
311 |      1001 | 2x2 Brick     |         905 |
312 |      1001 | 4x16 Plate    |          75 |

```

```

313 |      1001 | 1x4 Brick |      100 |
314 |      1001 | 8x8 Flat |      185 |
315 |      1002 | 1x2 Brick |       64 |
316 |      1003 | 1x2 Brick |       75 |
317 |      1005 | 1x2 Brick |       89 |

```

```

318 +-----+

```

```

319 8 rows in set (0.00 sec)

```

```

320
321 +-----+-----+-----+

```

```

322 | elem_id | des_id | des_id |
323 +-----+-----+-----+

```

```

324 |      101 |      11 |      12 |
325 |      101 |      12 |      11 |

```

```

326 +-----+-----+-----+

```

```

327 2 rows in set (0.00 sec)

```

```

328

```

```

329 =====

```

```

330 Part 2

```

```

331 =====

```

```

332 +-----+-----+

```

```

333 | u_id | username |

```

```

334 +-----+-----+

```

```

335 | 101 | Zac |

```

```

336 | 102 | Austin |

```

```

337 | 103 | Lola |

```

```

338 | 104 | Sadie |

```

```

339 +-----+-----+

```

```

340 4 rows in set (0.00 sec)

```

```

341

```

```

342 +-----+-----+-----+

```

```

343 | a_id | a_name | u_id |

```

```

344 +-----+-----+-----+

```

```

345 | 1001 | School Expenses | 101 |

```

```

346 | 1002 | Work Expenses | 101 |

```

```

347 | 1003 | Gas Expenses | 101 |

```

```

348 | 1004 | School expenses | 102 |

```

```

349 | 1005 | Team Expenses | 103 |

```

```

350 | 1006 | Misc. Expenses | 104 |

```

```

351 +-----+-----+-----+

```

```

352 6 rows in set (0.00 sec)

```

```

353

```

```

354 +-----+-----+-----+-----+-----+-----+

```

```

355 | t_id | tag | a_id | amount | timestamp | t_desc |

```

```

356 +-----+-----+-----+-----+-----+-----+

```

```

357 | 1 | Project Supplies | 1001 | 320.00 | 08/12/21 08:15:32 | Expenses for CPSC312 final project |

```

```

358 | 2 | Project Supplies | 1001 | 46.95 | 10/19/20 12:00:03 | Expenses for CPSC321 final project |

```

```

359 | 3 | Parking fines | 1006 | 50.00 | 06/14/21 16:15:32 | Fine recieved on crossing of Sharp and Standard |

```

```

360 | 4 | Gas | 1003 | 60.00 | 08/12/21 08:15:32 | Gas purchase at ARCO |

```

```

361 | 5 | Project Supplies | 1001 | 86.95 | 1/12/17 12:00:03 | Expenses for CPSC314 final project |

```

```

362 | 6 | Startup fees | 1002 | 1005.00 | 06/14/21 16:15:32 | Fees invested in a startup |

```

```

363 | 7 | Salary | 1004 | 32000.00 | 08/1/21 12:00:01 | Salary for pay period |

```

```

364 | 8 | Travel | 1005 | 146.95 | 10/19/18 17:41:43 | Bus rental fee for team bus |

```

365 | 9 | Misc. Purchases | 1006 | 499.00 | 06/14/21 16:15:32 | New XBOX |
366 +-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
367 9 rows in set (0.00 sec)

