

```

1  CREATE DATABASE IF NOT EXISTS `mydb` /*!40100 DEFAULT CHARACTER SET utf8 */;
2  USE `mydb`;
3  -- MySQL dump 10.13 Distrib 5.7.25, for Win64 (x86_64)
4  --
5  -- Host: 127.0.0.1 Database: mydb
6  --
7  -- Server version 5.7.25-log
8
9  /*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
10 /*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
11 /*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
12 /*!40101 SET NAMES utf8 */;
13 /*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
14 /*!40103 SET TIME_ZONE='+00:00' */;
15 /*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
16 /*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
17 /*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
18 /*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
19
20 --
21 -- Table structure for table `dim_agent`
22 --
23
24 DROP TABLE IF EXISTS `dim_agent`;
25 /*!40101 SET @saved_cs_client = @@character_set_client */;
26 /*!40101 SET character_set_client = utf8 */;
27 CREATE TABLE `dim_agent` (
28   `id` int(2) NOT NULL,
29   `name` varchar(45) DEFAULT NULL,
30   PRIMARY KEY (`id`)
31 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
32 /*!40101 SET character_set_client = @saved_cs_client */;
33
34 --
35 -- Dumping data for table `dim_agent`
36 --
37
38 LOCK TABLES `dim_agent` WRITE;
39 /*!40000 ALTER TABLE `dim_agent` DISABLE KEYS */;
40 INSERT INTO `dim_agent` VALUES (1,'Nick Fury'),(2,'Maria Hill'),(3,'Steve
41 Rogers'),(4,'Luke Cage'),(5,'Jessica Jones');
42 /*!40000 ALTER TABLE `dim_agent` ENABLE KEYS */;
43 UNLOCK TABLES;
44
45 --
46 -- Table structure for table `dim_certification_type`
47 --
48
49 DROP TABLE IF EXISTS `dim_certification_type`;
50 /*!40101 SET @saved_cs_client = @@character_set_client */;
51 /*!40101 SET character_set_client = utf8 */;
52 CREATE TABLE `dim_certification_type` (
53   `id` int(2) NOT NULL,
54   `description` varchar(45) DEFAULT NULL,
55   PRIMARY KEY (`id`)
56 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
57 /*!40101 SET character_set_client = @saved_cs_client */;
58
59 --
60 -- Dumping data for table `dim_certification_type`
61 --
62
63 LOCK TABLES `dim_certification_type` WRITE;
64 /*!40000 ALTER TABLE `dim_certification_type` DISABLE KEYS */;
65 INSERT INTO `dim_certification_type` VALUES (1,'Property Managerâ€™s
66 License'),(2,'Certified Property Manager (CPM)'),(3,'Master Property Manager (MPM)');
67 /*!40000 ALTER TABLE `dim_certification_type` ENABLE KEYS */;
68 UNLOCK TABLES;

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68  --
69  -- Table structure for table `dim_city`
70  --
71
72  DROP TABLE IF EXISTS `dim_city`;
73  /*!40101 SET @saved_cs_client      = @@character_set_client */;
74  /*!40101 SET character_set_client = utf8 */;
75  CREATE TABLE `dim_city` (
76    `id` int(2) NOT NULL,
77    `city` varchar(45) DEFAULT NULL,
78    PRIMARY KEY (`id`)
79  ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
80  /*!40101 SET character_set_client = @saved_cs_client */;
81
82  --
83  -- Dumping data for table `dim_city`
84  --
85
86  LOCK TABLES `dim_city` WRITE;
87  /*!40000 ALTER TABLE `dim_city` DISABLE KEYS */;
88  INSERT INTO `dim_city` VALUES (1,'Manila'),(2,'Cebu'),(3,'Davao');
89  /*!40000 ALTER TABLE `dim_city` ENABLE KEYS */;
90  UNLOCK TABLES;
91
92  --
93  -- Table structure for table `dim_complaint_status`
94  --
95
96  DROP TABLE IF EXISTS `dim_complaint_status`;
97  /*!40101 SET @saved_cs_client      = @@character_set_client */;
98  /*!40101 SET character_set_client = utf8 */;
99  CREATE TABLE `dim_complaint_status` (
100    `id` int(11) NOT NULL,
101    `status` varchar(45) DEFAULT NULL,
102    PRIMARY KEY (`id`)
103  ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
104  /*!40101 SET character_set_client = @saved_cs_client */;
105
106  --
107  -- Dumping data for table `dim_complaint_status`
108  --
109
110  LOCK TABLES `dim_complaint_status` WRITE;
111  /*!40000 ALTER TABLE `dim_complaint_status` DISABLE KEYS */;
112  INSERT INTO `dim_complaint_status` VALUES (1,'Solved'),(2,'Unresolved');
113  /*!40000 ALTER TABLE `dim_complaint_status` ENABLE KEYS */;
114  UNLOCK TABLES;
115
116  --
117  -- Table structure for table `dim_month`
118  --
119
120  DROP TABLE IF EXISTS `dim_month`;
121  /*!40101 SET @saved_cs_client      = @@character_set_client */;
122  /*!40101 SET character_set_client = utf8 */;
123  CREATE TABLE `dim_month` (
124    `id` int(2) NOT NULL,
125    `month` varchar(45) DEFAULT NULL,
126    PRIMARY KEY (`id`)
127  ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
128  /*!40101 SET character_set_client = @saved_cs_client */;
129
130  --
131  -- Dumping data for table `dim_month`
132  --
133
134  LOCK TABLES `dim_month` WRITE;
135  /*!40000 ALTER TABLE `dim_month` DISABLE KEYS */;
136  INSERT INTO `dim_month` VALUES

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137 (1, 'January'), (2, 'February'), (3, 'March'), (4, 'April'), (5, 'May'), (6, 'June'), (7, 'July'), (8, '
August'), (9, 'September'), (10, 'October'), (11, 'November'), (12, 'December');
138 /*!40000 ALTER TABLE `dim_month` ENABLE KEYS */;
139 UNLOCK TABLES;
140
141 --
142 -- Table structure for table `dim_property`
143
144 DROP TABLE IF EXISTS `dim_property`;
145 /*!40101 SET @saved_cs_client      = @@character_set_client */;
146 /*!40101 SET character_set_client = utf8 */;
147 CREATE TABLE `dim_property` (
148   `id` int(4) NOT NULL,
149   `property` varchar(45) DEFAULT NULL,
150   PRIMARY KEY (`id`)
151 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
152 /*!40101 SET character_set_client = @saved_cs_client */;
153
154 --
155 -- Dumping data for table `dim_property`
156 --
157
158 LOCK TABLES `dim_property` WRITE;
159 /*!40000 ALTER TABLE `dim_property` DISABLE KEYS */;
160 INSERT INTO `dim_property` VALUES
(1, 'Chel'), (2, 'Samira'), (3, 'Bam'), (4, 'Willie'), (5, 'Alejano'), (6, 'Roxas'), (7, 'Drilon'), (8,
'Vicente'), (9, 'Revilla'), (10, 'Go'), (11, 'Jinggoy'), (12, 'Poe'), (13, 'Manny'), (14, 'Colmenares
'), (15, 'Belmonte'), (16, 'Legarda'), (17, 'Hontiveros'), (18, 'Ping'), (19, 'Trillanes'), (20, 'De
La Rosa');
161 /*!40000 ALTER TABLE `dim_property` ENABLE KEYS */;
162 UNLOCK TABLES;
163
164 --
165 -- Table structure for table `dim_property_availability`
166 --
167
168 DROP TABLE IF EXISTS `dim_property_availability`;
169 /*!40101 SET @saved_cs_client      = @@character_set_client */;
170 /*!40101 SET character_set_client = utf8 */;
171 CREATE TABLE `dim_property_availability` (
172   `id` int(2) NOT NULL,
173   `availability` varchar(45) DEFAULT NULL,
174   PRIMARY KEY (`id`)
175 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
176 /*!40101 SET character_set_client = @saved_cs_client */;
177
178 --
179 -- Dumping data for table `dim_property_availability`
180 --
181
182 LOCK TABLES `dim_property_availability` WRITE;
183 /*!40000 ALTER TABLE `dim_property_availability` DISABLE KEYS */;
184 INSERT INTO `dim_property_availability` VALUES
(1, 'Sold'), (2, 'Leased'), (3, 'Available'), (4, 'Under Maintenance');
185 /*!40000 ALTER TABLE `dim_property_availability` ENABLE KEYS */;
186 UNLOCK TABLES;
187
188 --
189 -- Table structure for table `dim_property_type`
190 --
191
192 DROP TABLE IF EXISTS `dim_property_type`;
193 /*!40101 SET @saved_cs_client      = @@character_set_client */;
194 /*!40101 SET character_set_client = utf8 */;
195 CREATE TABLE `dim_property_type` (
196   `id` int(2) NOT NULL,
197   `description` varchar(45) DEFAULT NULL,
198   PRIMARY KEY (`id`)

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199 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
200 /*!40101 SET character_set_client = @saved_cs_client */;
201
202 --
203 -- Dumping data for table `dim_property_type`
204 --
205
206 LOCK TABLES `dim_property_type` WRITE;
207 /*!40000 ALTER TABLE `dim_property_type` DISABLE KEYS */;
208 INSERT INTO `dim_property_type` VALUES
209 (1,'Residential'),(2,'Commercial'),(3,'Industrial'),(4,'Land');
210 /*!40000 ALTER TABLE `dim_property_type` ENABLE KEYS */;
211 UNLOCK TABLES;
212
213 --
214 -- Table structure for table `dim_task_type`
215 --
216
217 DROP TABLE IF EXISTS `dim_task_type`;
218 /*!40101 SET @saved_cs_client = @@character_set_client */;
219 /*!40101 SET character_set_client = utf8 */;
220 CREATE TABLE `dim_task_type` (
221   `id` int(2) NOT NULL,
222   `task_type` varchar(45) DEFAULT NULL,
223   PRIMARY KEY (`id`)
224 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
225 /*!40101 SET character_set_client = @saved_cs_client */;
226
227 --
228 -- Dumping data for table `dim_task_type`
229 --
230
231 LOCK TABLES `dim_task_type` WRITE;
232 /*!40000 ALTER TABLE `dim_task_type` DISABLE KEYS */;
233 INSERT INTO `dim_task_type` VALUES (1,'Resolved'),(2,'Reworked'),(3,'Unresolved');
234 /*!40000 ALTER TABLE `dim_task_type` ENABLE KEYS */;
235 UNLOCK TABLES;
236
237 --
238 -- Table structure for table `dim_time`
239 --
240
241 DROP TABLE IF EXISTS `dim_time`;
242 /*!40101 SET @saved_cs_client = @@character_set_client */;
243 /*!40101 SET character_set_client = utf8 */;
244 CREATE TABLE `dim_time` (
245   `monthyear` int(3) NOT NULL,
246   `dim_month_id` int(2) NOT NULL,
247   `dim_year_id` int(4) NOT NULL,
248   PRIMARY KEY (`monthyear`),
249   KEY `fk_dim_time_dim_month_idx` (`dim_month_id`),
250   KEY `fk_dim_time_dim_year1_idx` (`dim_year_id`),
251   CONSTRAINT `fk_dim_time_dim_month` FOREIGN KEY (`dim_month_id`) REFERENCES
252     `dim_month` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
253   CONSTRAINT `fk_dim_time_dim_year1` FOREIGN KEY (`dim_year_id`) REFERENCES `dim_year`
254     (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION
255 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
256 /*!40101 SET character_set_client = @saved_cs_client */;
257
258 --
259 -- Dumping data for table `dim_time`
260 --
261
262 LOCK TABLES `dim_time` WRITE;
263 /*!40000 ALTER TABLE `dim_time` DISABLE KEYS */;
264 INSERT INTO `dim_time` VALUES
265 (1,1,2016),(2,2,2016),(3,3,2016),(4,4,2016),(5,5,2016),(6,6,2016),(7,7,2016),(8,8,2016),(
266 9,9,2016),(10,10,2016),(11,11,2016),(12,12,2016),(13,1,2017),(14,2,2017),(15,3,2017),(16,
267 4,2017),(17,5,2017),(18,6,2017),(19,7,2017),(20,8,2017),(21,9,2017),(22,10,2017),(23,11,2

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017), (24,12,2017), (25,1,2018), (26,2,2018), (27,3,2018), (28,4,2018), (29,5,2018), (30,6,2018)
, (31,7,2018), (32,8,2018), (33,9,2018), (34,10,2018), (35,11,2018), (36,12,2018);
262 /*!40000 ALTER TABLE `dim_time` ENABLE KEYS */;
263 UNLOCK TABLES;
264
265 --
266 -- Table structure for table `dim_year`
267 --
268
269 DROP TABLE IF EXISTS `dim_year`;
270 /*!40101 SET @saved_cs_client      = @@character_set_client */;
271 /*!40101 SET character_set_client = utf8 */;
272 CREATE TABLE `dim_year` (
273   `id` int(4) NOT NULL,
274   `year` int(4) DEFAULT NULL,
275   PRIMARY KEY (`id`)
276 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
277 /*!40101 SET character_set_client = @saved_cs_client */;
278
279 --
280 -- Dumping data for table `dim_year`
281 --
282
283 LOCK TABLES `dim_year` WRITE;
284 /*!40000 ALTER TABLE `dim_year` DISABLE KEYS */;
285 INSERT INTO `dim_year` VALUES (2016,2016), (2017,2017), (2018,2018);
286 /*!40000 ALTER TABLE `dim_year` ENABLE KEYS */;
287 UNLOCK TABLES;
288
289 --
290 -- Table structure for table `facttable_customer`
291 --
292
293 DROP TABLE IF EXISTS `facttable_customer`;
294 /*!40101 SET @saved_cs_client      = @@character_set_client */;
295 /*!40101 SET character_set_client = utf8 */;
296 CREATE TABLE `facttable_customer` (
297   `dim_time_monthyear` int(3) NOT NULL,
298   `dim_property_type_id` int(2) NOT NULL,
299   `dim_property_id` int(4) NOT NULL,
300   `dim_agent_id` int(2) NOT NULL,
301   `totalPropertyManagementFees` int(11) DEFAULT NULL,
302   `totalMonthsToTurnover` int(7) DEFAULT NULL,
303   `totalSatisfiedCustomers` int(5) DEFAULT NULL,
304   `totalComplaints` int(5) DEFAULT NULL,
305   `totalLeaseInquiries` int(7) DEFAULT NULL,
306   `totalAvailableUnits` int(5) DEFAULT NULL,
307   `totalCustomers` int(5) DEFAULT NULL,
308   PRIMARY KEY
309   (`dim_time_monthyear`,`dim_property_type_id`,`dim_property_id`,`dim_agent_id`),
310   KEY `fk_facttable_customer_dim_time1_idx` (`dim_time_monthyear`),
311   KEY `fk_facttable_customer_dim_property1_idx` (`dim_property_id`),
312   KEY `fk_facttable_customer_dim_agent1_idx` (`dim_agent_id`),
313   KEY `fk_facttable_customer_dim_property_type1_idx` (`dim_property_type_id`),
314   CONSTRAINT `fk_facttable_customer_dim_agent1` FOREIGN KEY (`dim_agent_id`) REFERENCES
315   `dim_agent` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
316   CONSTRAINT `fk_facttable_customer_dim_property1` FOREIGN KEY (`dim_property_id`)
317   REFERENCES `dim_property` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
318   CONSTRAINT `fk_facttable_customer_dim_property_type1` FOREIGN KEY
319   (`dim_property_type_id`) REFERENCES `dim_property_type` (`id`) ON DELETE NO ACTION ON
320   UPDATE NO ACTION,
321   CONSTRAINT `fk_facttable_customer_dim_time1` FOREIGN KEY (`dim_time_monthyear`)
322   REFERENCES `dim_time` (`monthyear`) ON DELETE NO ACTION ON UPDATE NO ACTION
323 ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
324 /*!40101 SET character_set_client = @saved_cs_client */;
325
326 --
327 -- Dumping data for table `facttable_customer`
328 --

```

```
323
324 LOCK TABLES `facttable_customer` WRITE;
325 /*!40000 ALTER TABLE `facttable_customer` DISABLE KEYS */;
326 INSERT INTO `facttable_customer` VALUES
(1,1,1,1,8634,35,11,53,37,1,19),(1,1,1,2,2728,12,10,25,52,2,19),(1,1,1,3,25725,9,16,68,80
,4,19),(1,1,1,4,26622,2,20,28,60,4,18),(1,1,2,1,9340,27,17,80,69,1,20),(1,1,2,2,6202,29,1
1,28,43,3,17),(1,1,2,3,3002,24,11,76,32,3,16),(1,1,2,4,21009,33,11,36,77,1,17),(1,1,3,1,1
8866,9,10,23,42,4,18),(1,1,3,2,17933,17,20,23,69,4,15),(1,1,3,3,9353,22,10,62,40,5,17),(1
,1,3,4,12988,29,10,49,79,3,20),(1,1,4,1,19299,11,14,52,38,3,18),(1,1,4,2,11911,29,20,74,3
2,3,17),(1,1,4,3,9105,17,16,37,68,2,19),(1,1,4,4,4365,15,15,49,38,5,19),(1,1,5,1,5034,35,
11,71,57,3,16),(1,1,5,2,2352,25,11,78,79,1,20),(1,1,5,3,15172,19,10,35,52,2,19),(1,1,5,4,
14153,27,17,38,60,2,20),(1,1,6,1,22054,28,15,36,54,5,19),(1,1,6,2,2736,4,14,75,40,1,15),(
1,1,6,3,19410,21,12,54,75,5,20),(1,1,6,4,3988,36,13,51,73,4,18),(1,1,7,1,21967,1,16,70,54
,4,18),(1,1,7,2,28726,10,15,47,52,2,18),(1,1,7,3,22362,26,12,71,37,2,17),(1,1,7,4,12231,3
5,12,74,71,3,16),(1,1,8,1,4486,31,20,64,73,4,18),(1,1,8,2,17028,2,15,31,35,3,16),(1,1,8,3
,22133,31,19,66,80,5,20),(1,1,8,4,17921,25,10,22,68,5,16),(1,1,9,1,12177,21,20,75,70,2,17
),(1,1,9,2,18259,15,13,62,48,2,20),(1,1,9,3,3921,3,20,79,40,2,19),(1,1,9,4,23179,22,17,45
,31,1,17),(1,1,10,1,26430,8,20,78,66,2,17),(1,1,10,2,19021,10,18,53,49,1,16),(1,1,10,3,78
55,6,14,51,79,4,20),(1,1,10,4,25368,5,18,25,34,4,20),(1,1,11,1,20560,9,15,76,32,1,18),(1,
1,11,2,26787,7,20,44,63,2,17),(1,1,11,3,18700,7,13,32,37,4,19),(1,1,11,4,9394,23,14,21,71
,4,16),(1,1,12,1,12582,16,11,45,74,1,19),(1,1,12,2,12689,23,14,42,77,2,19),(1,1,12,3,5315
,1,12,69,61,2,15),(1,1,12,4,21997,16,16,69,49,2,20),(1,1,13,1,7492,7,15,32,61,1,19),(1,1,
13,2,25832,3,16,29,75,4,17),(1,1,13,3,3313,19,17,61,42,1,18),(1,1,13,4,14567,5,19,49,54,1
,16),(1,1,14,1,14161,30,20,52,54,2,17),(1,1,14,2,13149,9,19,76,54,3,15),(1,1,14,3,23920,2
2,18,79,70,2,20),(1,1,14,4,21511,34,10,33,79,1,19),(1,1,15,1,18372,3,13,49,70,1,16),(1,1,
15,2,25273,1,11,65,49,3,20),(1,1,15,3,21090,35,19,29,40,2,18),(1,1,15,4,9744,9,15,21,47,1
,15),(1,1,16,1,26885,2,13,54,52,5,16),(1,1,16,2,27166,16,17,79,35,5,15),(1,1,16,3,20507,1
6,19,69,80,2,17),(1,1,16,4,6802,34,17,29,46,4,20),(1,1,17,1,20103,16,17,71,77,4,20),(1,1,
17,2,25838,9,12,51,67,4,15),(1,1,17,3,6682,8,11,39,54,2,15),(1,1,17,4,25416,20,12,48,74,4
,18),(1,1,18,1,8893,23,14,48,51,4,17),(1,1,18,2,2762,19,13,59,65,3,17),(1,1,18,3,7412,34,
19,76,72,2,17),(1,1,18,4,12712,16,17,53,69,2,20),(1,1,19,1,17999,27,19,37,42,2,20),(1,1,1
9,2,9885,32,17,59,41,1,16),(1,1,19,3,25100,29,10,56,42,4,18),(1,1,19,4,16436,11,16,41,40,
2,19),(1,2,1,1,22859,8,16,29,64,5,20),(1,2,1,2,22934,11,13,70,39,5,15),(1,2,1,3,4416,1,18
,72,56,3,19),(1,2,1,4,29940,8,12,40,69,1,17),(1,2,2,1,29993,23,12,24,34,1,15),(1,2,2,2,78
94,33,15,46,56,2,19),(1,2,2,3,15165,16,17,30,36,5,17),(1,2,2,4,2912,24,13,38,49,3,17),(1,
2,3,1,17906,25,11,28,46,3,18),(1,2,3,2,22899,8,14,74,61,4,20),(1,2,3,3,24901,15,17,44,71,
3,16),(1,2,3,4,4724,15,12,80,40,3,17),(1,2,4,1,16656,11,12,61,52,3,16),(1,2,4,2,9854,28,1
4,70,72,2,19),(1,2,4,3,11502,35,18,44,71,2,15),(1,2,4,4,2917,24,10,33,66,4,18),(1,2,5,1,1
6723,20,17,46,40,1,17),(1,2,5,2,1022,20,17,53,33,3,18),(1,2,5,3,10155,8,17,42,72,2,19),(1
,2,5,4,28508,19,12,34,63,4,15),(1,2,6,1,24351,35,12,35,44,1,18),(1,2,6,2,23490,30,18,61,5
3,2,18),(1,2,6,3,24925,34,12,31,69,3,15),(1,2,6,4,5827,33,10,65,30,3,20),(1,2,7,1,29086,2
4,12,71,71,4,15),(1,2,7,2,5480,27,16,59,60,3,16),(1,2,7,3,25523,16,13,22,59,2,18),(1,2,7,
4,7546,10,14,76,55,3,18),(1,2,8,1,29336,10,16,48,70,2,19),(1,2,8,2,16787,25,12,24,68,2,18
),(1,2,8,3,19497,17,13,28,33,3,19),(1,2,8,4,3751,24,10,70,57,3,19),(1,2,9,1,4221,34,12,71
,50,3,18),(1,2,9,2,23098,5,12,63,74,5,17),(1,2,9,3,16623,31,14,63,56,5,19),(1,2,9,4,22566
,24,10,31,75,4,20),(1,2,10,1,7684,30,16,59,48,2,16),(1,2,10,2,9684,7,10,46,51,4,16),(1,2,
10,3,12498,13,11,78,56,2,19),(1,2,10,4,23772,33,14,69,46,4,20),(1,2,11,1,27399,9,11,63,49
,5,20),(1,2,11,2,18987,35,12,54,39,5,19),(1,2,11,3,14070,8,19,70,38,5,18),(1,2,11,4,4093,
10,14,79,42,2,19),(1,2,12,1,9307,19,11,41,42,3,17),(1,2,12,2,8070,18,13,62,57,5,18),(1,2,
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