```sql
CREATE DATABASE  IF NOT EXISTS `mydb` /*!40100 DEFAULT CHARACTER SET utf8 */;
USE `mydb`;
-- MySQL dump 10.13  Distrib 5.7.25, for Win64 (x86_64)
--
-- Host: 127.0.0.1    Database: mydb
-- ------------------------------------------------------
-- Server version   5.7.25-log

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `dim_agent`
--

DROP TABLE IF EXISTS `dim_agent`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `dim_agent` (
  `agent_ID` int(2) NOT NULL,
  `name` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`agent_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `dim_agent`
--

LOCK TABLES `dim_agent` WRITE;
/*!40000 ALTER TABLE `dim_agent` DISABLE KEYS */;
INSERT INTO `dim_agent` VALUES (1,'Maria Hill'),(2,'Jessica Jones'),(3,'Droilan
Alvarez'),(4,'Nick Fury'),(5,'Goose Flerkin'),(6,'Enrico Pascual'),(7,'Christian
Alderite'),(8,'Boy Abunda'),(9,'Jansen Borja'),(10,'Marivic Tangkeko');
/*!40000 ALTER TABLE `dim_agent` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `dim_city`
--

DROP TABLE IF EXISTS `dim_city`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `dim_city` (
  `id` int(11) NOT NULL,
  `city` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `dim_city`
--

LOCK TABLES `dim_city` WRITE;
/*!40000 ALTER TABLE `dim_city` DISABLE KEYS */;
INSERT INTO `dim_city` VALUES (1,'Manila'),(2,'Cebu'),(3,'Davao');
/*!40000 ALTER TABLE `dim_city` ENABLE KEYS */;
UNLOCK TABLES;
```

```sql
--
-- Table structure for table `dim_department`
--

DROP TABLE IF EXISTS `dim_department`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `dim_department` (
  `dept_id` int(11) NOT NULL,
  `description` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`dept_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `dim_department`
--

LOCK TABLES `dim_department` WRITE;
/*!40000 ALTER TABLE `dim_department` DISABLE KEYS */;
INSERT INTO `dim_department` VALUES (1,'Property Dev\'t'),(2,'Sales');
/*!40000 ALTER TABLE `dim_department` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `dim_property_type`
--

DROP TABLE IF EXISTS `dim_property_type`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `dim_property_type` (
  `id` int(1) NOT NULL,
  `property_type` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `dim_property_type`
--

LOCK TABLES `dim_property_type` WRITE;
/*!40000 ALTER TABLE `dim_property_type` DISABLE KEYS */;
INSERT INTO `dim_property_type` VALUES
(1,'Residential'),(2,'Commercial'),(3,'Industrial'),(4,'Land');
/*!40000 ALTER TABLE `dim_property_type` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `dim_time`
--

DROP TABLE IF EXISTS `dim_time`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `dim_time` (
  `monthyear` int(6) NOT NULL,
  `month_id` int(2) NOT NULL,
  `year_id` int(4) NOT NULL,
  PRIMARY KEY (`monthyear`),
  KEY `fk_dim_time_month1_idx` (`month_id`),
  KEY `fk_dim_time_year1_idx` (`year_id`),
  CONSTRAINT `fk_dim_time_month1` FOREIGN KEY (`month_id`) REFERENCES `month`
  (`month_id`),
  CONSTRAINT `fk_dim_time_year1` FOREIGN KEY (`year_id`) REFERENCES `year` (`year`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```sql
--
-- Dumping data for table `dim_time`
--

LOCK TABLES `dim_time` WRITE;
/*!40000 ALTER TABLE `dim_time` DISABLE KEYS */;
INSERT INTO `dim_time` VALUES
(1,1,2016),(2,2,2016),(3,3,2016),(4,4,2016),(5,5,2016),(6,6,2016),(7,7,2016),(8,8,2016),(
9,9,2016),(10,10,2016),(11,11,2016),(12,12,2016),(13,1,2017),(14,2,2017),(15,3,2017),(16,
4,2017),(17,5,2017),(18,6,2017),(19,7,2017),(20,8,2017),(21,9,2017),(22,10,2017),(23,11,2
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);
/*!40000 ALTER TABLE `dim_time` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `facttable_customer`
--

DROP TABLE IF EXISTS `facttable_customer`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `facttable_customer` (
  `monthyear` int(6) NOT NULL,
  `agent_id` int(2) NOT NULL,
  `property_type_id` int(1) NOT NULL,
  `city_id` int(11) NOT NULL,
  `dept_id` int(11) NOT NULL,
  `totalTransactions` int(11) DEFAULT NULL,
  `totalComplaints` int(11) DEFAULT NULL,
  `abandonedCalls` int(11) DEFAULT NULL,
  `receivedCalls` int(11) DEFAULT NULL,
  `totalCustomers` int(11) DEFAULT NULL,
  `totalHandlingTime` float DEFAULT NULL,
  `totalDeals` int(11) DEFAULT NULL,
  `totalDealsClosed` int(11) DEFAULT NULL,
  `totalProductCost` int(11) DEFAULT NULL,
  `totalAvailableUnits` int(11) DEFAULT NULL,
  `totalLeaseInquiries` int(11) DEFAULT NULL,
  `totalCustomerRatings` int(11) DEFAULT NULL,
  `totalUnitTurnoverMonths` int(11) DEFAULT NULL,
  `totalPropertyManagementFees` float DEFAULT NULL,
  `totalRooms` int(11) DEFAULT NULL,
  `totalTenants` int(11) DEFAULT NULL,
  PRIMARY KEY (`monthyear`,`agent_id`,`property_type_id`,`city_id`,`dept_id`),
  KEY `fk_facttable_customer_dim_agent1_idx` (`agent_id`),
  KEY `fk_facttable_customer_dim_propertytype1_idx` (`property_type_id`),
  KEY `fk_facttable_customer_dim_city1_idx` (`city_id`),
  KEY `fk_facttable_customer_dim_department1_idx` (`dept_id`),
  CONSTRAINT `fk_facttable_customer_dim_agent1` FOREIGN KEY (`agent_id`) REFERENCES
  `dim_agent` (`agent_ID`),
  CONSTRAINT `fk_facttable_customer_dim_city1` FOREIGN KEY (`city_id`) REFERENCES
  `dim_city` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `fk_facttable_customer_dim_department1` FOREIGN KEY (`dept_id`) REFERENCES
  `dim_department` (`dept_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `fk_facttable_customer_dim_propertytype1` FOREIGN KEY (`property_type_id`)
  REFERENCES `dim_property_type` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,
  CONSTRAINT `fk_facttable_customer_dim_time1` FOREIGN KEY (`monthyear`) REFERENCES
  `dim_time` (`monthyear`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `facttable_customer`
--

LOCK TABLES `facttable_customer` WRITE;
/*!40000 ALTER TABLE `facttable_customer` DISABLE KEYS */;
INSERT INTO `facttable_customer` VALUES
```

(1,1,1,1,1,66,25,18,46,190,782,3,0,1748778,115,283,5,45,5089610,108,286),(1,1,1,2,1,937,46,10,25,150,275,2,2,1480318,109,129,2,12,6355500,151,431),(1,1,1,3,1,20,97,66,165,59,990,3,1,1808569,106,129,3,43,3111740,152,445),(1,1,2,1,1,445,58,31,77,73,693,3,2,1029100,100,263,2,38,9201270,180,219),(1,1,2,2,1,219,3,66,164,19,3280,0,2,1959343,114,169,5,59,8416360,146,273),(1,1,2,3,1,806,45,40,99,53,297,0,2,1938045,114,135,3,35,3977920,198,394),(1,1,3,1,1,713,26,19,48,37,384,0,0,1962485,109,264,3,53,2789450,186,443),(1,1,3,2,1,96,83,20,49,91,294,0,2,1593792,108,205,5,39,3598930,193,409),(1,1,3,3,1,1257,31,18,46,76,1196,0,2,1595765,109,235,4,18,9945490,165,464),(1,2,1,1,1,193,32,30,74,150,222,1,2,1658533,119,146,5,26,8826880,152,263),(1,2,1,2,1,164,57,16,40,173,40,3,0,1249894,115,183,3,28,8182440,105,220),(1,2,1,3,1,144,48,36,90,180,2250,0,1,1664028,111,247,5,34,1833680,101,287),(1,2,2,1,1,645,20,60,149,108,745,0,0,1428480,101,172,2,22,9213710,106,392),(1,2,2,2,1,1436,61,21,52,151,832,0,0,1448103,113,105,2,45,2659940,118,314),(1,2,2,3,1,1233,3,20,50,28,750,2,1,1536586,101,207,3,26,4650950,130,356),(1,2,3,1,1,1431,0,78,195,118,4680,0,2,1458272,103,120,2,36,6820520,113,245),(1,2,3,2,1,113,54,55,137,57,274,0,1,1275238,118,258,3,40,3155580,106,455),(1,2,3,3,1,1400,10,39,98,162,1568,3,1,1637647,100,200,1,60,3082100,163,468),(1,3,1,1,1,611,11,14,34,104,782,3,2,1054053,100,106,5,40,9347480,148,402),(1,3,1,2,1,1216,89,49,123,144,2706,2,2,1532323,120,118,1,38,2922590,198,363),(1,3,1,3,1,1301,58,66,165,46,2145,3,1,1177104,116,202,2,21,1178520,144,477),(1,3,2,1,1,1264,5,10,26,85,728,0,0,1795474,119,109,1,32,7889690,192,466),(1,3,2,2,1,781,69,15,38,22,190,2,0,1001147,114,157,4,52,4380610,163,459),(1,3,2,3,1,262,1,7,17,41,306,1,1,1565203,117,187,3,27,8757270,122,300),(1,3,3,1,1,774,80,70,174,40,4176,1,0,1170542,119,230,4,54,1902600,187,305),(1,3,3,2,1,251,54,1,3,104,18,1,0,1505382,118,282,5,55,6708820,173,311),(1,3,3,3,1,339,89,40,99,145,2970,2,0,1873101,106,206,5,35,6461040,172,488),(1,4,1,1,1,912,25,9,22,10,110,3,2,1838661,116,120,5,38,9943620,143,324),(1,4,1,2,1,817,9,7,17,59,357,3,2,1991863,113,158,2,41,1559380,112,203),(1,4,1,3,1,494,54,80,199,61,4577,3,0,1340873,114,124,2,55,2938990,175,481),(1,4,2,1,1,1148,44,32,81,39,648,3,2,1384758,101,280,3,26,3090860,160,392),(1,4,2,2,1,390,98,74,185,136,3515,1,1,1934404,119,216,2,34,9857780,105,386),(1,4,2,3,1,607,17,63,157,110,4710,0,0,1569711,108,135,1,30,6329460,128,205),(1,4,3,1,1,216,43,59,147,149,2499,0,0,1803880,115,289,5,26,2755230,109,333),(1,4,3,2,1,1496,60,79,197,99,4531,0,0,1388155,106,224,1,42,1334010,184,298),(1,4,3,3,1,173,25,60,149,89,1043,3,1,1869680,108,230,2,60,7420270,126,298),(1,5,1,1,1,1240,67,24,59,188,1534,3,0,1646287,110,146,5,19,8759510,118,347),(1,5,1,2,1,111,47,40,101,173,1010,2,2,1363349,102,293,4,13,4918560,128,457),(1,5,1,3,1,1034,5,8,20,129,260,1,2,1222276,118,250,4,15,3569100,168,479),(1,5,2,1,1,1121,80,8,19,19,57,3,1,1627048,102,214,4,14,6091360,168,309),(1,5,2,2,1,113,14,24,61,177,122,1,0,1645757,109,198,5,37,3570950,124,201),(1,5,2,3,1,1205,36,8,19,150,38,1,0,1769098,120,196,5,37,5276720,187,259),(1,5,3,1,1,1266,90,47,117,84,936,1,2,1794300,101,294,3,40,9463200,115,402),(1,5,3,2,1,994,6,3,7,6,49,1,1,1463050,105,116,1,48,4830050,108,305),(1,5,3,3,1,309,1,39,97,102,2813,2,1,1797769,105,175,5,19,6498960,175,388),(1,6,1,1,1,1367,84,10,24,53,720,0,1,1719532,116,109,1,25,5037100,189,230),(1,6,1,2,1,835,100,20,51,98,510,3,0,1766147,103,222,2,55,3714390,167,246),(1,6,1,3,1,1020,97,40,99,67,1386,2,1,1750358,116,250,1,53,8490670,188,297),(1,6,2,1,1,403,6,6,16,112,320,3,1,1062833,115,268,2,14,1455570,114,312),(1,6,2,2,1,980,61,44,111,138,888,2,1,1619893,104,230,4,43,5431760,133,251),(1,6,2,3,1,448,94,50,125,167,3500,3,0,1082752,110,105,5,31,3472850,117,438),(1,6,3,1,1,348,8,39,98,0,686,1,1,1500398,110,216,1,32,2421240,195,328),(1,6,3,2,1,1396,47,10,25,35,125,3,2,1294238,110,124,3,29,1803190,116,353),(1,6,3,3,1,642,19,58,145,1,1885,1,1,1323059,119,293,5,59,8435250,104,447),(1,7,1,1,1,45,72,16,39,189,741,1,2,1347421,111,240,5,51,4758780,152,397),(1,7,1,2,1,529,95,80,200,132,1000,2,0,1249001,106,263,4,38,6581120,150,221),(1,7,1,3,1,406,23,40,101,164,1111,2,1,1001320,108,100,2,39,1104550,191,331),(1,7,2,1,1,617,20,80,199,145,1791,0,2,1699742,105,213,4,52,5027880,118,233),(1,7,2,2,1,1439,71,68,169,178,3887,3,1,1491187,113,108,1,34,7307170,137,317),(1,7,2,3,1,1367,88,14,36,191,108,3,0,1721554,109,297,3,12,5195910,159,489),(1,7,3,1,1,244,30,71,178,97,1424,0,1,1499309,110,159,5,45,9076350,186,324),(1,7,3,2,1,253,47,70,176,120,1056,0,2,1062202,112,210,5,55,2169670,142,322),(1,7,3,3,1,782,52,59,147,40,2205,1,2,1266495,103,143,5,51,1687540,170,466),(1,8,1,1,1,788,64,60,150,95,900,2,2,1650206,101,209,5,60,2340890,178,324),(1,8,1,2,1,150,95,43,108,82,2376,2,0,1388886,112,175,5,46,1639390,145,498),(1,8,1,3,1,995,12,14,34,165,748,2,0,1872097,112,295,3,33,4707900,192,445),(1,8,2,1,1,822,42,2,6,9,12,1,1,1796445,118,200,5,15,9122440,135,442),(1,8,2,2,1,5,2,70,174,108,3132,1,1,1580142,107,246,3,38,9574790,186,423),(1,8,2,3,1,193,10,23,58,46,1160,3,2,1157031,116,279,1,48,2681540,199,433),(1,8,3,1,1,221,57,66,165,100,2805,3,2,1687946,116,212,3,60,8388680,182,422),(1,8,3,2,1,428,21,44,111,30,1776,2,0,1243947,116,217,1,13,3734190,141,208),(1,8,3,3,1,1012,15,16,40,35,440,0,0,1003973,115,112,4,37,6272200,111,244),(1,9,1,1,1,1303,31,7,17,57,102,0,2,1115507,102,121,4,25,8893860,196,264),(1,9,1,2,1,1275,51,37,93,70,465,3,0,1609706,106,115,3,54,2980020,138,214),(1,9,1,3,1,513,14,10,25,47,600,3,1,1528970,104,286,1,24,8406520,134,314),(1,9,2,1,1,1316,92,46,115,19,1495,0,2,1756944,101,199,1,43,1457780,118,416),(1,9,2,2,1,433,81,42,106,61,212,1,0,1900961,120,281,1,20,4025180,195,300),(1,9,2,3,1,694,54,57,143,143,286,2,1,1518779,104,224,4,26,3890090,131,256),(1,9,3,1,1,1315,92,70,175,186,4900,3,0,1666089,103,173,1,12,2462220,129,294),(1,9,3,2,1,403,94,12,31,86,31,1,0,1445609,114,227,5,54,7325130,194,458),(1,9,3,3,1,18,80,25,62,6,62,2,2,1971930,105,213,3,52,6205460,115,451),(2,1,1,1,1,64,91,42,105,99,2940,2,1,1048464,102,136,2,13,5137980,179,265),(2,1,1,2,1,354,84,66,164,22,2460,2,2,1673568,112,227,5,38,2934150,14

4,383),(2,1,1,3,1,1414,39,47,117,193,2223,3,1,1160678,114,171,2,54,1960800,105,413),(2,1,2,1,1,136,45,21,52,165,728,0,2,1991247,109,136,5,58,4291380,170,216),(2,1,2,2,1,422,39,72,181,7,3258,1,0,1556203,113,151,2,31,1533990,154,318),(2,1,2,3,1,269,70,20,51,94,714,3,0,1833880,115,296,4,37,7094410,109,280),(2,1,3,1,1,1483,48,26,66,147,1650,1,2,1955560,109,296,3,20,3782800,178,472),(2,1,3,2,1,1257,84,41,103,128,309,0,1,1344934,107,182,4,22,1872240,154,477),(2,1,3,3,1,65,64,40,101,111,2222,1,1,1597027,117,251,4,42,9317610,139,391),(2,2,1,1,1,1475,64,19,47,11,987,2,0,1828466,110,260,5,48,8700640,128,337),(2,2,1,2,1,1400,32,63,158,11,4108,0,0,1173696,104,205,1,49,9142340,104,375),(2,2,1,3,1,193,6,38,95,25,1235,0,1,1166472,119,238,5,37,2473120,194,268),(2,2,2,1,1,1493,53,1,3,23,33,3,2,1076194,104,148,2,57,4170630,103,224),(2,2,2,2,1,873,55,40,101,171,2525,0,2,1870679,117,223,5,21,8989880,129,314),(2,2,2,3,1,90,89,65,162,115,162,0,2,1476111,104,158,3,28,6934860,147,251),(2,2,3,1,1,846,92,54,136,70,2312,2,1,1977576,107,139,3,53,3806890,119,280),(2,2,3,2,1,93,77,55,137,54,137,2,1,1318822,109,205,5,26,5400840,138,275),(2,2,3,3,1,1368,51,48,120,83,1440,3,1,1527218,101,203,3,58,4362350,108,268),(2,3,1,1,1,72,74,79,197,139,5319,3,1,1633925,120,270,3,22,3804860,146,273),(2,3,1,2,1,1266,93,14,34,100,102,3,0,1573910,102,218,2,44,6062890,121,368),(2,3,1,3,1,1407,85,80,199,7,5174,1,0,1425255,113,207,5,55,4826710,105,491),(2,3,2,1,1,74,9,6,16,62,176,2,2,1572440,115,217,1,56,5895150,102,326),(2,3,2,2,1,1114,32,20,50,2,1100,1,2,1851333,106,255,3,15,6530100,174,350),(2,3,2,3,1,1149,99,67,168,46,2856,1,2,1555531,109,144,1,49,8578220,188,218),(2,3,3,1,1,1317,48,13,33,164,363,3,0,1797828,115,269,4,45,7056550,135,271),(2,3,3,2,1,267,54,77,193,26,2702,0,0,1875038,109,294,5,52,4095210,130,364),(2,3,3,3,1,86,83,78,195,23,4095,3,1,1497471,116,142,1,31,7767430,190,207),(2,4,1,1,1,1413,19,39,97,167,1940,2,0,1156650,110,143,3,29,2888640,104,465),(2,4,1,2,1,133,47,30,76,90,1520,2,0,1870416,105,107,1,31,3598340,200,240),(2,4,1,3,1,1124,58,50,124,139,2852,1,1,1929979,100,106,5,44,1902520,199,294),(2,4,2,1,1,76,19,56,141,30,1269,1,0,1809302,109,288,5,21,2187280,154,359),(2,4,2,2,1,19,45,49,123,115,3567,0,0,1668913,119,160,1,57,7331060,156,272),(2,4,2,3,1,944,12,60,149,117,4321,1,0,1015080,102,159,1,49,1531720,193,363),(2,4,3,1,1,606,11,78,196,124,5488,2,1,1367816,118,162,3,56,4274360,142,360),(2,4,3,2,1,19,35,25,63,157,1134,1,1,1315478,119,147,2,23,5206700,172,332),(2,4,3,3,1,509,30,10,25,40,675,2,2,1228622,117,201,4,12,9892660,116,355),(2,5,1,1,1,541,100,23,58,103,1392,3,1,1772407,112,258,2,49,1543040,141,467),(2,5,1,2,1,411,32,47,118,107,2360,2,1,1169186,118,278,4,51,8329440,194,299),(2,5,1,3,1,1141,50,11,27,72,135,0,0,1843878,114,101,5,52,4316590,122,235),(2,5,2,1,1,62,12,59,148,169,1924,0,0,1721521,103,250,2,16,4586270,200,449),(2,5,2,2,1,540,82,2,4,52,72,2,0,1917160,103,213,1,53,1597940,158,219),(2,5,2,3,1,98,26,33,82,12,1394,0,1,1320902,101,132,3,53,4782270,163,241),(2,5,3,1,1,543,74,71,177,20,4071,3,1,1865487,117,156,2,45,8149730,144,399),(2,5,3,2,1,68,53,59,147,82,4263,0,2,1449596,109,254,5,57,3445310,183,338),(2,5,3,3,1,1196,45,6,15,1,300,1,0,1802715,101,263,2,12,2778230,124,419),(2,6,1,1,1,971,15,71,178,144,1602,1,1,1167619,112,178,4,19,7487660,171,253),(2,6,1,2,1,545,56,24,60,143,600,2,0,1584841,114,100,4,16,7926520,157,255),(2,6,1,3,1,257,13,13,32,197,64,0,0,1428540,116,191,4,30,3548190,157,456),(2,6,2,1,1,1209,64,38,95,31,2565,3,0,1373672,102,157,1,35,2103140,145,319),(2,6,2,2,1,245,91,46,116,128,232,2,0,1702321,100,207,3,32,6879340,191,390),(2,6,2,3,1,627,85,55,137,136,1781,2,1,1214430,105,122,1,42,5068940,139,310),(2,6,3,1,1,1201,39,56,141,21,564,1,1,1749389,100,189,2,21,7113240,175,451),(2,6,3,2,1,1065,39,75,188,161,188,0,2,1305822,111,210,2,31,5236450,142,420),(2,6,3,3,1,1448,76,64,159,158,4611,1,0,1887387,103,259,4,47,5264780,102,219),(2,7,1,1,1,849,7,60,151,176,4530,0,2,1059363,120,292,5,30,3847230,179,481),(2,7,1,2,1,608,95,32,81,2,2268,1,1,1286760,116,115,4,12,7448700,138,265),(2,7,1,3,1,179,47,54,135,152,1080,1,2,1775357,108,230,1,44,4518550,180,306),(2,7,2,1,1,521,65,20,50,134,150,3,2,1266562,118,208,3,49,4327440,197,362),(2,7,2,2,1,757,41,2,5,21,50,3,1,1034642,111,207,4,55,9836490,168,454),(2,7,2,3,1,1117,97,25,62,150,868,0,1,1254259,120,282,3,52,2797360,115,366),(2,7,3,1,1,265,4,61,152,121,456,2,0,1205250,113,110,3,58,8374510,125,354),(2,7,3,2,1,887,3,54,136,61,952,1,1,1137996,111,213,1,17,6774390,129,446),(2,7,3,3,1,975,30,46,114,154,2394,0,2,1407804,103,221,5,41,2299570,172,361),(2,8,1,1,1,1479,59,46,116,23,2320,3,1,1932451,113,216,4,35,1750430,190,408),(2,8,1,2,1,567,28,64,161,124,1288,2,0,1007947,103,182,1,24,7782620,126,455),(2,8,1,3,1,563,56,8,19,6,342,3,1,1158801,109,197,3,42,8546600,126,296),(2,8,2,1,1,133,29,44,111,67,111,1,1,1543408,104,167,1,60,4249650,173,417),(2,8,2,2,1,347,38,38,94,146,2538,1,1,1617559,109,237,1,21,2349160,177,355),(2,8,2,3,1,455,90,64,159,3,477,0,1,1629837,110,223,4,19,3809380,196,273),(2,8,3,1,1,488,0,25,62,199,1550,1,2,1289386,114,224,3,14,5552300,193,420),(2,8,3,2,1,698,91,44,111,154,222,2,2,1877277,105,281,3,57,5015350,193,403),(2,8,3,3,1,717,80,10,25,190,25,1,1,1717736,110,180,2,48,9825120,116,303),(2,9,1,1,1,908,23,67,167,181,4175,2,2,1669908,116,109,4,49,7688130,164,404),(2,9,1,2,1,1214,99,76,189,66,5481,2,1,1550994,113,225,1,18,1683550,178,217),(2,9,1,3,1,830,37,53,132,190,396,1,1,1004287,107,201,3,35,5356810,159,417),(2,9,2,1,1,418,83,20,50,177,50,0,2,1691434,103,112,2,22,4044170,181,319),(2,9,2,2,1,122,8,59,148,121,592,2,2,1101950,105,158,5,18,4994430,148,303),(2,9,2,3,1,978,25,27,68,104,1496,2,2,1222077,100,191,4,47,8893560,111,223),(2,9,3,1,1,312,53,66,165,154,3630,1,1,1068603,102,240,2,17,4818400,125,378),(2,9,3,2,1,753,5,42,105,179,1890,2,1,1466667,101,212,4,59,7725380,160,284),(2,9,3,3,1,855,6,19,47,154,846,1,0,1484348,101,248,3,24,9893310,148,341),(3,1,1,1,1,272,81,72,179,69,2685,0,1,1801723,108,166,3,50,4988300,134,239),(3,1,1,2,1,825,15,55,138,169,3312,1,1,1270961,106,196,3,28,3113590,106,417),(3,1,1,3,1,878,84,43,107,140,2033,0,0,1191301,113,206,4,41,5000380,103,256),(3,1,2,1,1,311,85,50,1

,9087500,144,331),(4,1,2,3,1,616,2,38,96,96,1056,0,0,1643147,104,217,2,29,3736000,138,294
),(4,1,3,1,1,731,48,71,178,45,2670,0,0,1146647,100,262,3,24,8878230,150,491),(4,1,3,2,1,1
078,5,69,172,122,3956,1,0,1041355,113,195,3,14,1262600,141,358),(4,1,3,3,1,1419,34,58,145
,62,1740,0,0,1238913,106,256,3,46,7286400,137,232),(4,2,1,1,1,709,70,73,183,20,732,0,1,10
70675,107,240,1,31,2313210,143,319),(4,2,1,2,1,221,99,76,191,167,4393,3,0,1759929,119,112
,2,49,5884620,115,402),(4,2,1,3,1,585,9,37,92,56,2392,1,1,1007451,100,250,2,19,1235930,15
6,289),(4,2,2,1,1,684,20,30,76,64,760,3,1,1296512,106,218,1,19,8095600,107,241),(4,2,2,2,
1,623,46,71,177,144,177,3,1,1340461,119,204,1,28,9462310,164,370),(4,2,2,3,1,37,42,62,154
,86,4158,3,0,1657218,102,216,2,26,9576820,111,223),(4,2,3,1,1,257,18,69,172,60,5160,3,0,1
939102,120,225,2,47,8659460,116,208),(4,2,3,2,1,905,23,70,176,111,176,3,2,1571924,110,138
,2,16,7489290,129,246),(4,2,3,3,1,920,30,10,24,94,312,2,0,1775353,113,223,1,46,9029450,18
3,383),(4,3,1,1,1,1032,96,13,33,152,990,0,1,1797461,110,181,5,58,5069170,189,214),(4,3,1,
2,1,16,91,32,79,126,790,3,0,1214492,111,144,3,45,6772090,171,267),(4,3,1,3,1,1016,81,13,3
3,169,726,1,2,1585805,120,296,5,47,4267300,124,324),(4,3,2,1,1,441,49,57,143,56,286,3,0,1
592702,117,234,5,15,4700630,166,269),(4,3,2,2,1,467,55,14,34,112,544,0,2,1857444,108,192,
2,41,5954220,193,497),(4,3,2,3,1,1185,65,12,30,200,330,0,2,1485583,101,193,4,50,2185900,1
01,209),(4,3,3,1,1,588,52,5,13,152,312,3,1,1836369,102,109,2,29,3890880,131,273),(4,3,3,2
,1,462,18,40,100,95,700,3,0,1389852,114,101,1,58,7952990,166,269),(4,3,3,3,1,76,32,72,179
,18,2327,2,0,1042273,108,191,1,25,5908240,136,259),(4,4,1,1,1,1144,92,36,91,65,1547,3,2,1
131463,111,277,5,44,1855970,170,210),(4,4,1,2,1,682,7,26,66,79,264,1,2,1360928,116,146,5,
28,6644080,177,420),(4,4,1,3,1,750,68,77,193,164,3281,3,1,1837938,120,121,1,47,7697040,12
7,348),(4,4,2,1,1,890,94,63,157,200,2512,2,0,1242407,108,238,1,14,4630140,191,393),(4,4,2
,2,1,1,87,42,104,65,3120,1,1,1752328,111,108,4,28,6747740,113,417),(4,4,2,3,1,438,95,36,9
1,166,1729,3,2,1463478,112,194,1,50,1876790,163,283),(4,4,3,1,1,955,29,46,116,138,2436,1,
2,1672235,112,262,3,47,8117720,112,256),(4,4,3,2,1,242,84,26,66,158,1980,2,0,1105774,108,
261,4,56,9895210,152,438),(4,4,3,3,1,1020,44,13,32,167,320,0,0,1801904,105,143,5,38,85581
40,118,479),(4,5,1,1,1,703,39,14,36,26,324,1,0,1013570,118,158,2,31,7901780,119,243),(4,5
,1,2,1,251,60,73,183,69,1830,2,1,1851880,112,297,2,36,2286190,179,231),(4,5,1,3,1,617,46,
80,199,26,398,2,0,1378483,117,109,4,22,5062660,169,310),(4,5,2,1,1,298,33,65,163,172,1467
,2,1,1295631,114,227,5,19,1814560,178,496),(4,5,2,2,1,730,92,78,196,18,1568,1,2,1136523,1
07,156,3,59,4526440,181,435),(4,5,2,3,1,570,8,30,75,195,1650,2,1,1344675,115,232,1,40,996
9040,154,377),(4,5,3,1,1,1081,83,4,10,41,270,3,1,1221012,109,234,3,17,6555220,131,267),(4
,5,3,2,1,440,69,75,187,192,5610,1,2,1623608,117,155,2,33,3657610,118,287),(4,5,3,3,1,188,
13,23,57,25,513,2,1,1954101,114,253,4,23,2079540,191,333),(4,6,1,1,1,311,44,18,45,78,945,
2,1,1691648,100,199,4,14,9718900,123,357),(4,6,1,2,1,1402,77,76,191,135,2865,3,2,1666257,
120,278,4,29,3027780,152,219),(4,6,1,3,1,664,28,37,93,41,186,3,2,1278054,111,103,1,26,442
0230,147,433),(4,6,2,1,1,1303,43,55,137,156,959,2,1,1456538,107,283,4,47,1581660,181,448)
,(4,6,2,2,1,929,59,30,75,52,1350,1,1,1515763,118,277,4,40,7874650,101,324),(4,6,2,3,1,372
,82,71,178,122,3916,0,2,1011047,118,153,2,19,3516230,129,366),(4,6,3,1,1,1495,42,28,71,67
,497,0,1,1321561,103,243,5,45,9685020,186,314),(4,6,3,2,1,381,61,56,140,1,1120,2,2,166916
5,117,128,2,32,5235940,177,281),(4,6,3,3,1,1162,58,38,94,120,1504,2,2,1813147,112,124,5,5
0,5862300,164,443),(4,7,1,1,1,1135,31,39,98,76,686,2,1,1050285,116,118,4,31,5672830,110,4
50),(4,7,1,2,1,225,68,28,69,92,414,1,1,1282917,117,169,5,37,9762100,143,234),(4,7,1,3,1,6
50,55,20,49,29,833,2,0,1310554,113,258,5,22,7226140,160,423),(4,7,2,1,1,741,6,41,102,195,
1020,0,0,1872619,105,229,2,53,8355200,158,421),(4,7,2,2,1,785,37,73,183,86,3477,3,2,15074
72,113,133,2,34,6027280,186,302),(4,7,2,3,1,409,56,36,89,10,1958,1,0,1393935,109,255,5,35
,7824550,132,383),(4,7,3,1,1,807,13,68,171,135,2052,0,0,1531433,111,143,5,43,8635010,119,
226),(4,7,3,2,1,1015,51,68,170,69,4080,1,0,1672427,116,265,2,16,9695440,159,288),(4,7,3,3
,1,1412,15,77,192,76,3072,1,1,1527025,114,113,2,21,2461380,131,445),(4,8,1,1,1,744,21,61,
152,17,456,0,2,1284517,104,236,4,23,6531650,196,277),(4,8,1,2,1,839,7,74,185,162,925,3,1,
1640894,109,152,4,31,4817400,127,499),(4,8,1,3,1,72,72,42,105,169,210,0,2,1342946,114,124
,4,24,2212750,167,397),(4,8,2,1,1,1355,47,6,16,92,32,2,2,1933406,105,256,5,59,5888110,111
,276),(4,8,2,2,1,662,57,10,26,73,780,2,2,1448424,100,297,4,51,5353840,153,342),(4,8,2,3,1
,698,6,35,87,142,1044,1,2,1919543,115,255,3,56,9984210,114,276),(4,8,3,1,1,157,80,21,52,5
0,416,1,0,1026958,108,131,4,57,3868030,106,494),(4,8,3,2,1,540,75,17,43,190,473,1,0,17315
64,101,193,5,59,4976600,147,487),(4,8,3,3,1,482,74,8,21,195,168,1,1,1925929,111,114,2,27,
7865820,147,294),(4,9,1,1,1,1474,90,14,34,116,442,0,1,1371770,101,150,4,30,7219990,195,49
1),(4,9,1,2,1,878,70,6,16,77,160,0,2,1488676,102,216,3,44,4645860,100,271),(4,9,1,3,1,363
,88,42,106,21,742,0,2,1590639,112,193,1,55,9742340,111,370),(4,9,2,1,1,1104,38,10,24,79,6
24,0,1,1209611,119,278,3,60,9268280,158,332),(4,9,2,2,1,762,24,35,88,97,2376,0,1,1717902,
118,219,2,20,2901340,177,433),(4,9,2,3,1,380,99,30,75,169,2025,0,1,1532483,104,187,3,38,6
347440,198,335),(4,9,3,1,1,961,58,61,153,5,1836,2,0,1062363,101,256,2,46,3668560,105,252)
,(4,9,3,2,1,1125,27,61,152,175,2432,1,1,1718946,112,206,5,20,7146850,177,288),(4,9,3,3,1,
189,50,42,105,174,105,2,1,1299973,118,181,5,43,7441280,114,336),(5,1,1,1,1,863,44,6,15,12
9,165,1,1,1038972,116,163,5,47,7324740,122,349),(5,1,1,2,1,881,31,32,79,129,1501,3,1,1978
864,103,140,4,21,4296680,117,331),(5,1,1,3,1,1448,3,14,34,139,680,0,1,1611826,120,299,5,2
5,3062840,152,325),(5,1,2,1,1,1497,92,29,72,89,576,2,0,1312858,108,299,5,49,4110030,185,4
75),(5,1,2,2,1,619,9,34,85,28,1445,1,0,1306671,106,142,5,52,6725960,116,221),(5,1,2,3,1,9
31,23,19,48,99,1104,0,1,1312123,108,139,2,23,7851400,104,275),(5,1,3,1,1,1129,65,49,123,1

090,162,337),(8,2,2,1,1,312,76,45,112,19,560,2,0,1423780,119,170,2,12,7209320,119,415),(8,2,2,2,1,850,4,20,51,197,306,2,2,1728721,115,153,4,13,2677620,177,277),(8,2,2,3,1,1055,73,64,161,69,1127,1,2,1436769,115,218,5,53,8699030,176,431),(8,2,3,1,1,920,87,60,150,154,2400,0,1,1167405,100,189,4,46,9523140,120,493),(8,2,3,2,1,796,14,12,30,193,390,3,0,1721654,119,129,4,41,8041010,164,243),(8,2,3,3,1,505,26,2,5,92,60,2,0,1761884,110,201,2,51,8269500,194,289),(8,3,1,1,1,1083,2,1,2,87,54,2,2,1797850,107,258,1,34,9689700,171,373),(8,3,1,2,1,333,75,20,50,123,400,2,2,1102419,113,252,5,59,7169170,181,288),(8,3,1,3,1,23,35,10,24,67,576,2,1,1824089,109,295,5,41,7070970,157,447),(8,3,2,1,1,98,20,30,76,25,304,2,2,1239576,112,181,3,55,8897980,151,200),(8,3,2,2,1,183,45,11,28,0,252,1,1,1104782,118,298,5,55,5672240,105,379),(8,3,2,3,1,1251,2,5,12,47,264,1,1,1777336,119,254,3,38,6131510,155,464),(8,3,3,1,1,430,38,1,3,93,60,2,1,1601542,113,188,3,32,6095120,182,470),(8,3,3,2,1,819,51,26,66,50,1452,2,0,1063413,117,230,1,42,1749150,107,495),(8,3,3,3,1,545,73,59,148,33,3996,1,2,1109828,106,153,1,53,5481260,136,433),(8,4,1,1,1,183,30,49,122,195,1586,2,1,1269042,108,238,5,48,8215860,195,416),(8,4,1,2,1,227,60,18,46,160,414,3,1,1202667,118,186,4,13,3533460,165,384),(8,4,1,3,1,1092,29,38,95,194,1520,3,2,1910407,106,202,3,40,7275720,133,403),(8,4,2,1,1,493,32,67,168,182,1176,1,2,1397964,114,238,5,30,5478330,154,279),(8,4,2,2,1,775,93,78,195,3,4875,1,2,1024116,101,123,2,31,1726040,167,306),(8,4,2,3,1,438,49,75,187,48,3740,3,1,1254762,106,234,3,37,5159430,131,403),(8,4,3,1,1,804,54,18,44,149,1144,0,1,1601828,103,196,3,46,9663370,126,417),(8,4,3,2,1,1431,23,56,141,169,846,3,0,1114709,101,115,4,56,6596060,116,392),(8,4,3,3,1,673,36,16,40,106,280,3,1,1394518,113,243,4,39,6378940,167,242),(8,5,1,1,1,138,100,52,130,195,2210,1,1,1091755,107,237,4,50,8349930,189,265),(8,5,1,2,1,1121,51,26,65,148,1625,1,0,1164637,101,204,5,30,9288000,118,365),(8,5,1,3,1,534,84,3,8,9,32,2,2,1088177,113,230,4,27,6348930,158,491),(8,5,2,1,1,80,7,27,67,165,603,3,2,1709080,113,268,5,15,3014130,182,491),(8,5,2,2,1,553,78,46,114,131,2964,2,0,1053365,107,148,5,32,4865120,170,303),(8,5,2,3,1,1122,16,39,97,40,97,2,0,1962894,112,225,3,50,3598800,179,341),(8,5,3,1,1,234,73,18,46,100,92,1,2,1374450,119,127,4,60,5432380,126,436),(8,5,3,2,1,636,2,10,26,174,780,2,1,1603474,108,114,2,52,2511070,168,483),(8,5,3,3,1,440,70,63,158,173,3634,0,0,1959144,101,104,4,32,4987550,189,284),(8,6,1,1,1,317,53,75,188,62,376,3,2,1601293,112,237,4,29,2576850,122,383),(8,6,1,2,1,1190,14,4,11,174,154,2,0,1719619,109,148,4,12,6077060,126,372),(8,6,1,3,1,98,90,34,85,66,2465,1,0,1515838,114,109,1,17,4582470,135,248),(8,6,2,1,1,722,43,55,137,31,1781,2,0,1469610,104,180,1,31,3594800,150,306),(8,6,2,2,1,1173,66,65,162,55,1782,2,2,1944871,106,173,3,34,9767420,177,328),(8,6,2,3,1,436,26,56,141,8,1551,3,0,1083920,108,128,2,27,2666850,140,230),(8,6,3,1,1,67,96,67,168,31,5040,0,2,1616221,117,248,2,35,3710570,169,313),(8,6,3,2,1,359,9,78,194,141,2522,2,0,1269817,102,275,5,30,7825870,141,424),(8,6,3,3,1,27,95,23,57,11,114,1,0,1752148,103,110,1,28,6751950,110,441),(8,7,1,1,1,1008,1,5,12,169,228,1,2,1652374,119,277,5,38,8739610,132,328),(8,7,1,2,1,1054,6,22,54,44,1188,2,0,1560236,114,225,3,58,2243280,185,400),(8,7,1,3,1,1249,83,48,120,165,1080,2,2,1011788,112,265,2,42,9447580,123,319),(8,7,2,1,1,1039,53,43,108,14,2592,1,0,1369599,103,119,5,27,4419430,163,253),(8,7,2,2,1,101,73,28,71,24,710,1,0,1474300,111,212,3,36,5155390,176,336),(8,7,2,3,1,1149,42,53,133,25,2128,2,0,1362209,109,256,4,21,5543370,160,321),(8,7,3,1,1,247,4,53,132,133,792,3,0,1225338,102,139,4,20,2690580,180,309),(8,7,3,2,1,79,67,15,37,34,925,0,1,1359577,101,295,3,55,1908470,183,446),(8,7,3,3,1,1078,61,30,75,151,825,0,2,1497873,114,175,5,28,5274000,199,497),(8,8,1,1,1,412,58,23,57,170,342,2,1,1066392,118,119,1,46,5803810,107,382),(8,8,1,2,1,911,7,19,48,35,576,2,0,1329388,113,211,2,42,5386880,149,373),(8,8,1,3,1,628,94,8,20,186,200,1,1,1647674,117,239,1,56,3719750,104,267),(8,8,2,1,1,158,42,73,183,9,549,3,2,1784987,110,142,1,45,4773130,144,382),(8,8,2,2,1,1401,87,66,164,193,1804,0,2,1712311,107,217,4,29,8596000,170,225),(8,8,2,3,1,1384,87,26,64,156,1472,2,0,1502363,102,268,2,14,1833720,135,275),(8,8,3,1,1,1497,42,38,96,118,384,3,0,1991317,110,216,2,23,4411630,186,345),(8,8,3,2,1,233,51,56,141,103,1551,2,2,1872556,114,237,2,38,9092620,191,498),(8,8,3,3,1,1488,19,68,171,117,3078,3,2,1734793,117,217,4,58,2294910,200,390),(8,9,1,1,1,1487,45,8,20,195,20,3,0,1744131,103,204,3,42,4665530,107,453),(8,9,1,2,1,728,28,62,154,154,2926,0,1,1521350,104,193,4,35,5438860,200,284),(8,9,1,3,1,251,93,72,180,120,3780,3,2,1374231,117,121,1,37,6496980,147,430),(8,9,2,1,1,793,18,39,98,100,490,0,0,1198475,111,201,2,29,4859370,108,400),(8,9,2,2,1,1026,49,41,102,140,2346,0,2,1039913,116,112,5,38,1633130,191,264),(8,9,2,3,1,1061,8,6,15,55,45,3,0,1302448,100,289,4,54,4505860,106,486),(8,9,3,1,1,92,80,34,85,121,170,1,2,1168971,118,160,5,51,6956360,154,393),(8,9,3,2,1,570,63,12,29,16,783,3,1,1693307,101,232,4,17,6492310,122,263),(8,9,3,3,1,857,33,80,200,153,1200,2,1,1066717,112,237,3,50,6279410,133,424),(9,1,1,1,1,1022,81,41,103,61,1236,2,2,1658699,120,167,3,52,6573260,172,204),(9,1,1,2,1,1168,23,70,176,42,2288,0,1,1539516,119,276,3,30,3958500,175,281),(9,1,1,3,1,772,40,19,48,96,336,0,2,1906220,111,179,3,58,3018390,109,454),(9,1,2,1,1,600,50,60,149,98,1788,1,0,1133493,119,114,1,48,6760100,196,500),(9,1,2,2,1,1421,95,32,80,118,1200,3,2,1378477,119,163,1,13,6970830,137,396),(9,1,2,3,1,523,33,64,160,80,1920,1,0,1760100,102,119,5,38,4294880,162,454),(9,1,3,1,1,101,20,71,178,83,2670,1,2,1534384,107,295,3,43,6153610,199,315),(9,1,3,2,1,1197,47,25,63,26,1890,2,0,1051348,119,135,4,29,8520070,131,232),(9,1,3,3,1,199,87,56,141,151,1974,3,1,1025184,112,279,3,49,3017320,148,422),(9,2,1,1,1,657,33,14,36,57,36,1,1,1031745,119,122,3,41,7566400,183,442),(9,2,1,2,1,702,94,29,72,183,1224,2,0,1283491,117,297,4,47,7202210,147,391),(9,2,1,3,1,699,41,62,156,110,2184,3,2,1751916,104,282,3,50,6446810,151,257),(9,2,2,1,1,42,13,12,30,104,870,1,0,1868833,118,122,2,41,9725030,153,332),(9,2,2,2,1,1163,100,52,129,59,2064,2,2,16

,3,2,1469416,114,119,3,58,2496990,197,249),(16,3,1,2,1,577,92,36,89,83,356,0,2,1129730,11
0,277,1,13,2484680,145,441),(16,3,1,3,1,670,51,40,100,147,2400,2,2,1992255,107,182,5,31,9
534700,196,272),(16,3,2,1,1,824,75,68,169,74,1014,0,0,1414642,115,136,4,46,2751390,190,41
0),(16,3,2,2,1,805,47,60,149,197,894,0,1,1172825,109,140,4,29,7883300,164,351),(16,3,2,3,
1,1374,50,37,93,141,2511,3,1,1718436,117,109,2,58,7560590,170,202),(16,3,3,1,1,17,80,20,4
9,38,588,1,2,1847066,112,256,3,57,6723380,124,444),(16,3,3,2,1,464,34,26,66,176,1914,2,1,
1620820,109,233,3,53,7821380,100,271),(16,3,3,3,1,1042,47,68,170,169,850,3,1,1216096,119,
112,3,53,2879100,102,383),(16,4,1,1,1,1127,12,68,169,138,5070,1,2,1994789,107,180,1,47,85
51370,107,249),(16,4,1,2,1,750,61,7,17,195,425,1,0,1694015,101,203,3,58,6418630,170,457),
(16,4,1,3,1,508,46,30,74,142,2146,0,1,1719383,111,204,3,17,9229890,138,379),(16,4,2,1,1,3
65,9,70,175,62,875,2,0,1165866,112,214,5,24,4282860,187,205),(16,4,2,2,1,1406,51,67,167,8
4,3674,0,2,1160007,110,204,4,21,7928050,198,491),(16,4,2,3,1,128,0,32,79,59,316,3,2,19103
08,109,251,5,47,9376030,181,401),(16,4,3,1,1,1214,32,41,102,45,204,0,0,1979672,110,300,3,
48,2618170,139,482),(16,4,3,2,1,266,24,80,199,94,1194,2,2,1823927,111,142,5,49,2714380,16
3,391),(16,4,3,3,1,419,69,7,17,117,408,0,2,1804661,120,100,1,33,2750760,162,376),(16,5,1,
1,1,787,30,58,144,163,2160,0,2,1396023,117,279,5,34,7316290,170,411),(16,5,1,2,1,416,65,6
0,150,39,3450,3,1,1086190,105,271,2,29,5375380,152,372),(16,5,1,3,1,293,68,78,196,197,137
2,2,2,1954238,102,292,2,15,5083940,141,261),(16,5,2,1,1,78,60,46,115,52,2185,0,2,1776907,
117,278,2,25,5605700,137,365),(16,5,2,2,1,5,40,37,93,89,1581,2,1,1758442,115,147,4,57,600
9710,144,414),(16,5,2,3,1,349,53,40,99,22,1980,3,1,1131453,109,243,4,32,7114570,160,234),
(16,5,3,1,1,1323,90,12,29,145,812,2,2,1459846,111,226,2,36,6069740,140,387),(16,5,3,2,1,1
168,22,6,16,29,448,1,2,1012772,100,174,4,44,3599290,189,469),(16,5,3,3,1,878,18,3,7,152,1
47,2,1,1965706,100,268,3,51,1555810,133,396),(16,6,1,1,1,849,94,75,187,181,5423,0,0,17205
84,115,132,1,57,2624210,108,431),(16,6,1,2,1,914,50,20,51,48,102,3,2,1627749,120,146,4,40
,3903980,185,370),(16,6,1,3,1,449,37,69,173,115,1903,3,2,1158199,104,192,5,35,7691980,108
,265),(16,6,2,1,1,1246,81,47,118,1,3304,0,2,1131674,110,214,4,30,6345970,133,498),(16,6,2
,2,1,843,1,23,57,37,1197,3,2,1432027,107,109,1,51,9970800,100,279),(16,6,2,3,1,1464,56,68
,170,144,3230,2,1,1181389,107,287,2,38,7092020,100,250),(16,6,3,1,1,1177,41,50,125,90,100
0,3,0,1128038,107,197,5,54,5832270,148,286),(16,6,3,2,1,652,85,38,96,82,288,3,1,1803953,1
14,235,4,26,6878440,155,235),(16,6,3,3,1,80,89,16,39,147,585,1,1,1392692,103,293,3,18,700
1350,118,453),(16,7,1,1,1,293,0,33,83,65,581,0,2,1633322,118,298,2,36,6468570,126,295),(1
6,7,1,2,1,252,91,60,151,63,3473,1,1,1967784,103,138,4,24,3107400,135,287),(16,7,1,3,1,113
3,3,18,44,111,1100,2,0,1992039,119,252,5,44,7276150,187,284),(16,7,2,1,1,196,38,64,159,76
,2226,2,1,1546576,101,205,2,21,7288100,174,242),(16,7,2,2,1,1379,10,35,88,60,880,3,2,1567
523,118,291,3,36,9551880,146,201),(16,7,2,3,1,1416,0,49,123,8,2337,3,2,1235205,120,260,4,
26,5589980,126,413),(16,7,3,1,1,207,54,68,171,110,3078,2,0,1815810,100,231,5,38,2203690,1
99,337),(16,7,3,2,1,968,93,18,44,200,88,1,1,1666309,111,166,3,26,3155270,166,341),(16,7,3
,3,1,1011,50,14,34,20,442,2,1,1568547,106,281,4,26,6743080,148,249),(16,8,1,1,1,946,61,60
,149,78,4023,0,1,1001113,119,227,1,44,7849170,129,353),(16,8,1,2,1,1364,74,18,45,34,810,0
,1,1798367,100,240,5,47,7317500,152,327),(16,8,1,3,1,299,12,23,57,161,1140,0,1,1482539,10
8,275,4,35,3523360,168,340),(16,8,2,1,1,272,97,74,184,47,736,1,0,1249638,111,223,3,36,805
4250,182,348),(16,8,2,2,1,349,82,54,135,179,1755,2,2,1845973,110,187,4,30,9204120,162,500
),(16,8,2,3,1,1277,77,28,69,37,1863,0,1,1600849,105,110,1,59,5219000,174,265),(16,8,3,1,1
,201,66,19,48,179,528,1,1,1898617,101,255,5,49,8775220,105,405),(16,8,3,2,1,745,67,51,128
,42,128,3,0,1387703,106,154,2,19,2557100,118,498),(16,8,3,3,1,213,39,57,143,39,1859,0,1,1
594255,106,105,1,21,5776790,188,418),(16,9,1,1,1,1354,63,63,157,157,3454,0,0,1079723,103,
252,4,46,6109580,177,483),(16,9,1,2,1,1299,68,76,190,98,4560,1,2,1644529,115,224,4,40,517
5460,186,355),(16,9,1,3,1,749,88,10,26,56,156,0,0,1383824,107,268,2,42,9482990,187,291),(
16,9,2,1,1,974,7,35,88,58,2552,1,2,1307335,113,103,1,58,1898400,175,350),(16,9,2,2,1,15,5
4,52,129,94,516,2,0,1502271,115,174,1,34,6337330,151,408),(16,9,2,3,1,785,83,10,24,92,48,
3,1,1728870,107,273,3,29,9901640,108,204),(16,9,3,1,1,1103,80,47,117,174,1638,1,2,1869558
,112,200,3,35,3473760,120,297),(16,9,3,2,1,372,9,30,76,192,2052,2,2,1766302,109,200,5,23,
3693420,184,281),(16,9,3,3,1,1025,77,61,153,55,153,0,0,1480688,120,195,2,46,8772870,185,4
80),(17,1,1,1,1,621,21,72,180,156,3960,1,0,1329029,103,210,3,54,1576760,121,204),(17,1,1,
2,1,1283,8,80,199,65,4577,2,1,1981372,114,283,4,51,7507820,151,263),(17,1,1,3,1,408,14,10
,24,103,96,1,2,1143054,117,208,3,42,7912750,165,450),(17,1,2,1,1,1364,54,27,68,78,612,2,1
,1945599,102,184,2,40,8140260,127,260),(17,1,2,2,1,1059,14,28,69,51,483,3,1,1805279,108,1
02,4,15,6166620,145,201),(17,1,2,3,1,603,1,78,196,3,4116,1,0,1339863,101,133,3,24,2368110
,176,388),(17,1,3,1,1,73,62,34,85,40,1870,2,1,1288154,118,162,2,26,9429420,186,405),(17,1
,3,2,1,705,94,52,130,195,2080,1,1,1441065,110,122,4,47,8146380,136,222),(17,1,3,3,1,879,2
4,10,24,107,120,3,2,1775001,105,204,4,28,9305280,145,327),(17,2,1,1,1,1099,42,12,30,77,21
0,1,1,1149889,113,255,3,47,2390790,104,230),(17,2,1,2,1,1050,50,53,133,109,931,0,0,102154
7,108,144,3,58,2187920,177,235),(17,2,1,3,1,630,92,22,54,190,378,2,1,1490443,116,142,1,15
,2907570,173,234),(17,2,2,1,1,1242,85,49,122,118,2806,1,2,1901536,102,198,3,56,5564730,19
6,471),(17,2,2,2,1,937,34,29,72,108,1008,1,0,1369097,111,195,1,32,6716680,131,357),(17,2,
2,3,1,1101,38,21,53,122,530,3,2,1513122,108,115,4,35,3685870,163,485),(17,2,3,1,1,126,29,
49,123,87,1107,1,0,1640854,107,155,5,31,3680640,135,261),(17,2,3,2,1,1213,19,29,73,57,167
9,1,1,1920556,107,233,1,34,3654210,111,483),(17,2,3,3,1,941,91,9,23,192,345,0,0,1681453,1
02,297,1,36,4260550,153,491),(17,3,1,1,1,342,84,44,109,88,1417,3,1,1057172,105,169,5,30,3

76,191,163,4202,2,0,1543651,109,219,4,52,8229300,109,315),(32,4,1,3,1,1025,10,26,64,182,1344,2,2,1970065,113,146,5,51,2038810,122,443),(32,4,2,1,1,241,20,15,37,193,1073,2,2,1901701,109,175,2,21,3892880,196,352),(32,4,2,2,1,564,57,56,141,127,1128,3,2,1125885,119,116,2,23,2807900,183,358),(32,4,2,3,1,1071,87,60,150,161,1650,3,1,1276154,107,201,4,38,3578050,180,394),(32,4,3,1,1,153,93,50,125,160,2750,1,1,1296537,113,205,5,43,8518510,122,377),(32,4,3,2,1,1284,54,32,80,121,160,3,2,1125681,107,196,1,55,8223670,182,213),(32,4,3,3,1,844,33,25,62,163,248,3,0,1810809,106,187,4,40,8766350,187,489),(32,5,1,1,1,368,23,55,138,190,2346,3,1,1995730,117,102,4,60,8088090,168,472),(32,5,1,2,1,426,98,44,110,163,110,1,1,1362639,116,152,4,34,6445940,177,333),(32,5,1,3,1,407,1,27,67,165,134,2,2,1209272,104,140,5,53,4239740,200,216),(32,5,2,1,1,708,81,58,145,35,2175,2,1,1966040,103,258,4,13,3378330,182,323),(32,5,2,2,1,1187,77,70,174,35,1914,3,2,1426296,103,211,2,57,1897310,168,223),(32,5,2,3,1,947,30,72,179,147,4296,0,0,1120003,115,186,3,26,5741860,115,484),(32,5,3,1,1,13,95,24,59,170,531,0,2,1592311,114,171,5,38,3507280,179,426),(32,5,3,2,1,1177,78,26,64,114,576,2,1,1335877,120,255,3,12,1533290,177,301),(32,5,3,3,1,1130,36,42,106,115,530,1,1,1270656,103,253,4,54,4511060,140,333),(32,6,1,1,1,1206,18,29,73,55,219,3,2,1215160,107,260,1,46,7400720,167,489),(32,6,1,2,1,524,25,2,6,121,120,2,1,1252674,111,151,3,22,7804200,176,317),(32,6,1,3,1,286,72,9,22,127,352,1,1,1937166,100,192,2,19,9896560,196,233),(32,6,2,1,1,1441,24,45,113,86,1582,1,1,1769488,118,299,3,25,2339080,129,266),(32,6,2,2,1,1060,33,35,88,123,880,0,2,1885000,111,173,1,18,8787220,110,370),(32,6,2,3,1,663,24,72,179,70,2148,0,1,1395468,102,213,4,33,2009240,116,220),(32,6,3,1,1,766,40,50,126,191,1260,2,1,1846236,113,210,2,41,2248870,198,409),(32,6,3,2,1,672,10,17,43,127,430,3,0,1387713,107,146,5,14,9430110,146,306),(32,6,3,3,1,780,90,34,85,29,340,2,1,1455218,120,175,2,30,7369480,182,319),(32,7,1,1,1,910,25,62,154,78,2618,1,1,1037040,103,111,4,40,3883740,141,491),(32,7,1,2,1,1110,51,1,3,159,63,3,1,1643404,112,234,5,60,1320350,168,213),(32,7,1,3,1,1266,37,48,121,59,968,0,2,1753319,109,155,1,50,6000230,181,479),(32,7,2,1,1,1118,71,46,116,41,1740,0,1,1377701,106,255,5,39,8230790,190,322),(32,7,2,2,1,1268,60,67,167,83,3507,3,0,1966086,105,116,1,45,1606710,152,299),(32,7,2,3,1,1315,60,49,122,73,488,3,2,1764346,118,110,2,50,6718050,163,426),(32,7,3,1,1,921,96,70,174,156,522,3,0,1838639,105,157,2,19,4253070,136,339),(32,7,3,2,1,324,66,6,15,49,405,3,1,1700665,109,190,4,24,3557440,167,351),(32,7,3,3,1,961,55,50,125,187,250,0,1,1813318,118,128,4,55,2166980,116,299),(32,8,1,1,1,1214,95,20,51,41,1428,2,1,1388457,110,283,2,48,5698940,172,251),(32,8,1,2,1,1114,32,68,171,179,3420,1,1,1958803,107,213,4,33,6860850,177,338),(32,8,1,3,1,1154,91,47,118,159,2124,0,2,1842623,118,237,3,49,8484720,164,316),(32,8,2,1,1,496,13,8,19,130,266,2,0,1041776,114,264,2,38,9145560,162,222),(32,8,2,2,1,384,11,62,155,91,2790,3,2,1083868,119,208,3,23,8864200,113,457),(32,8,2,3,1,1031,80,57,142,39,3266,3,2,1633291,116,160,4,43,3381610,150,207),(32,8,3,1,1,544,100,69,173,112,3806,1,0,1625002,118,265,4,20,3572780,104,500),(32,8,3,2,1,1500,11,22,54,154,1296,3,2,1833732,114,281,3,51,6141850,177,445),(32,8,3,3,1,1039,25,76,190,187,2090,2,1,1506255,118,245,3,51,2382490,125,245),(32,9,1,1,1,952,10,3,7,98,56,1,0,1480243,109,278,3,34,4251710,161,347),(32,9,1,2,1,861,39,45,112,56,3248,0,1,1951735,105,260,3,15,3988970,117,263),(32,9,1,3,1,1133,60,64,161,0,1610,1,0,1674193,115,160,2,23,6558800,197,325),(32,9,2,1,1,1236,2,41,102,58,408,2,0,1556356,118,279,5,60,9627500,100,495),(32,9,2,2,1,525,26,62,156,35,1404,3,1,1696855,100,241,3,23,1198540,198,226),(32,9,2,3,1,372,9,22,54,83,1350,3,1,1481794,109,175,1,41,3521320,123,416),(32,9,3,1,1,221,6,34,86,164,2494,2,0,1606363,116,225,3,30,4795910,174,209),(32,9,3,2,1,1083,50,70,174,54,3828,1,2,1716905,115,204,1,59,8634180,177,435),(32,9,3,3,1,1155,95,28,70,166,1260,1,1,1944153,114,113,4,60,7938480,188,415),(33,1,1,1,1,530,81,14,34,154,680,3,1,1508589,100,160,3,53,4497370,191,320),(33,1,1,2,1,921,67,9,22,61,374,2,0,1489817,118,245,3,37,9332960,170,481),(33,1,1,3,1,626,75,70,176,24,176,2,2,1402478,106,218,2,40,3393810,152,312),(33,1,2,1,1,1395,26,12,29,29,783,3,2,1089600,109,137,2,60,2823160,195,216),(33,1,2,2,1,520,90,63,157,134,4553,1,2,1766432,107,105,1,25,2007520,189,223),(33,1,2,3,1,58,4,34,86,3,774,2,0,1078068,112,161,3,33,6310280,143,428),(33,1,3,1,1,22,57,36,89,180,2403,1,0,1292553,117,197,4,43,2379890,191,465),(33,1,3,2,1,991,99,53,132,81,132,1,2,1471139,116,141,5,15,7463790,197,260),(33,1,3,3,1,758,21,15,38,44,684,3,1,1767122,108,162,4,52,9062570,187,281),(33,2,1,1,1,827,24,54,136,185,816,0,0,1272102,115,190,4,18,3695580,111,274),(33,2,1,2,1,282,86,25,63,196,1323,2,1,1356490,110,145,2,32,2671910,165,489),(33,2,1,3,1,272,46,24,60,124,660,3,2,1969711,120,106,4,25,7220110,182,353),(33,2,2,1,1,736,92,61,152,123,2736,2,0,1218493,104,189,2,50,4472010,115,299),(33,2,2,2,1,64,41,42,105,166,2940,1,1,1865421,106,232,2,12,9413700,167,282),(33,2,2,3,1,951,23,61,152,51,456,1,2,1873693,119,235,4,39,5246620,184,266),(33,2,3,1,1,557,56,66,165,66,1980,2,2,1205529,106,156,2,47,3726510,146,375),(33,2,3,2,1,1497,63,9,23,25,368,1,1,1374022,108,295,2,35,9068770,103,250),(33,2,3,3,1,832,29,70,175,1,700,1,1,1799588,115,230,4,28,5890840,145,234),(33,3,1,1,1,1062,63,68,169,20,1859,0,2,1369540,106,149,2,57,9372660,169,275),(33,3,1,2,1,509,95,60,150,90,900,0,1,1517659,110,228,1,23,4402160,141,344),(33,3,1,3,1,206,27,21,53,141,689,1,1,1563130,104,112,2,26,8008390,134,405),(33,3,2,1,1,716,98,35,88,23,2464,1,1,1286621,107,222,4,36,2020470,115,207),(33,3,2,2,1,927,91,74,184,51,2024,3,0,1533405,109,110,5,52,7710570,116,344),(33,3,2,3,1,887,3,27,68,4,1224,3,0,1047579,102,260,2,32,7238730,177,491),(33,3,3,1,1,1218,26,32,79,137,1896,1,1,1729646,102,222,3,41,5036590,140,432),(33,3,3,2,1,938,67,68,169,136,3211,0,1,1925379,114,267,4,25,6733780,172,263),(33,3,3,3,1,751,71,4,11,174,143,3,0,1749540,106,137,2,57,6761440,184,349),(33,4,1,1,1,909,57,44,110,60,220,1,0,1461200,119,134,3,22,6383720,157,472),(33,4,1,2,1,69,21,36,89,200,1869,2