

```

CREATE DATABASE IF NOT EXISTS `marvelldb` /*!40100 DEFAULT CHARACTER SET utf8 */
/*!80016 DEFAULT ENCRYPTION='N' */;
USE `marvelldb`;
-- MySQL dump 10.13  Distrib 8.0.28, for Win64 (x86_64)
--
-- Host: localhost    Database: marvelldb
--
-----
-- Server version 8.0.28

/*!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 */;
/*!50503 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 */;

--
-- Temporary view structure for view `best_director`
--

DROP TABLE IF EXISTS `best_director`;
/*!50001 DROP VIEW IF EXISTS `best_director`*/;
SET @saved_cs_client      = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `best_director` AS SELECT
  1 AS `director_name`,
  1 AS `total_box_office_gross`,
  1 AS `avg_movie_rating`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `cast`
--

DROP TABLE IF EXISTS `cast`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `cast` (
  `cast_id` mediumint unsigned NOT NULL AUTO_INCREMENT,
  `cast_first_name` varchar(20) NOT NULL,
  `cast_last_name` varchar(30) NOT NULL,
  PRIMARY KEY (`cast_id`)
) ENGINE=InnoDB AUTO_INCREMENT=32 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `cast`
--

LOCK TABLES `cast` WRITE;
/*!40000 ALTER TABLE `cast` DISABLE KEYS */;
INSERT INTO `cast` VALUES (1,'Samuel','Jackson'),(2,'Robert','Downey'),
(3,'Paul','Bettany'),(4,'Scarlett','Johansson'),(5,'Don','Cheadle'),
(6,'Jon','Favreau'),(7,'Chris','Evans'),(8,'Chris','Hemsworth'),
(9,'Chris','Pratt'),(10,'Tom','Hiddleston'),(11,'Mark','Ruffalo'),

```

```
(12, 'Sebastian', 'Stan'), (13, 'Tom', 'Holland'), (14, 'Anthony', 'Mackie'),
(15, 'Jeremy', 'Renner'), (16, 'Hayley', 'Atwell'), (17, 'Benedict', 'Cumberbatch'),
(18, 'Elizabeth', 'Olsen'), (19, 'Benedict', 'Wong'), (20, 'Dave', 'Bautista'),
(21, 'Chadwick', 'Boseman'), (22, 'Josh', 'Brolin'), (23, 'Bradley', 'Cooper'),
(24, 'Vin', 'Diesel'), (25, 'Paul', 'Rudd'), (26, 'Zoe', 'Saldana'), (27, 'Brie', 'Larson'),
(28, 'Evangeline', 'Lilly'), (29, 'Charlie', 'Cox'), (30, 'Oscar', 'Isaac'),
(31, 'Simu', 'Liu');
```

```
/*!40000 ALTER TABLE `cast` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
--
```

```
-- Table structure for table `characters`
```

```
--
```

```
DROP TABLE IF EXISTS `characters`;
```

```
/*!40101 SET @saved_cs_client      = @@character_set_client */;
```

```
/*!50503 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `characters` (
  `character_id` mediumint unsigned NOT NULL AUTO_INCREMENT,
  `character_first_name` varchar(20) NOT NULL,
  `character_last_name` varchar(30) DEFAULT NULL,
  `cast_id` mediumint unsigned NOT NULL,
  PRIMARY KEY (`character_id`),
  KEY `cast_id_idx` (`cast_id`),
  CONSTRAINT `cast_id` FOREIGN KEY (`cast_id`) REFERENCES `cast` (`cast_id`)
) ENGINE=InnoDB AUTO_INCREMENT=32 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--
```

```
-- Dumping data for table `characters`
```

```
--
```

```
LOCK TABLES `characters` WRITE;
```

```
/*!40000 ALTER TABLE `characters` DISABLE KEYS */;
```

```
INSERT INTO `characters` VALUES (1, 'Nick', 'Fury', 1), (2, 'Tony', 'Stark', 2),
(3, 'Vision', NULL, 3), (4, 'Natasha', 'Romanoff', 4), (5, 'James', 'Rhodes', 5),
(6, 'Happy', 'Hogan', 6), (7, 'Steve', 'Rogers', 7), (8, 'Thor', NULL, 8),
(9, 'Peter', 'Quill', 9), (10, 'Loki', NULL, 10), (11, 'Bruce', 'Banner', 11),
(12, 'Bucky', 'Barnes', 12), (13, 'Peter', 'Parker', 13), (14, 'Sam', 'Wilson', 14),
(15, 'Clint', 'Barton', 15), (16, 'Peggy', 'Carter', 16), (17, 'Stephen', 'Strange', 17),
(18, 'Wanda', 'Maximoff', 18), (19, 'Wong', NULL, 19), (20, 'Drax', NULL, 20),
(21, 'T'Challa', NULL, 21), (22, 'Thanos', NULL, 22), (23, 'Rocket', 'Raccoon', 23),
(24, 'Groot', NULL, 24), (25, 'Scott', 'Lang', 25), (26, 'Gamora', NULL, 26),
(27, 'Carol', 'Danvers', 27), (28, 'Hope', 'van Dyne', 28), (29, 'Matt', 'Murdock', 29),
(30, 'Steven', 'Grant', 30), (31, 'Xu', 'Shang-Chi', 31);
```

```
/*!40000 ALTER TABLE `characters` ENABLE KEYS */;
```

```
UNLOCK TABLES;
```

```
--
```

```
-- Table structure for table `directors`
```

```
--
```

```
DROP TABLE IF EXISTS `directors`;
```

```
/*!40101 SET @saved_cs_client      = @@character_set_client */;
```

```
/*!50503 SET character_set_client = utf8mb4 */;
```

```
CREATE TABLE `directors` (
  `director_id` mediumint unsigned NOT NULL AUTO_INCREMENT,
  `director_first_name` varchar(20) NOT NULL,
  `director_last_name` varchar(30) NOT NULL,
```

```

    PRIMARY KEY (`director_id`)
) ENGINE=InnoDB AUTO_INCREMENT=22 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `directors`
--

LOCK TABLES `directors` WRITE;
/*!40000 ALTER TABLE `directors` DISABLE KEYS */;
INSERT INTO `directors` VALUES (1,'Jon','Favreau'),(2,'Louis','Leterrier'),
(3,'Kenneth','Branagh'),(4,'Joe','Johnston'),(5,'Joss','Whedon'),
(6,'Shane','Black'),(7,'Alan','Taylor'),(8,'Anthony','Russo'),(9,'Joe','Russo'),
(10,'James','Gunn'),(11,'Peyton','Reed'),(12,'Scott','Derrickson'),
(13,'Jon','Watts'),(14,'Taika','Waititi'),(15,'Ryan','Coogler'),
(16,'Anna','Boden'),(17,'Ryan','Fleck'),(18,'Cate','Shortland'),
(19,'Destin','Cretton'),(20,'Chloe','Zhao'),(21,'Sam','Raimi');
/*!40000 ALTER TABLE `directors` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `highest_grossing_character`
--

DROP TABLE IF EXISTS `highest_grossing_character`;
/*!50001 DROP VIEW IF EXISTS `highest_grossing_character`*/;
SET @saved_cs_client      = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `highest_grossing_character` AS SELECT
  1 AS `character_name`,
  1 AS `character_gross`*/;
SET character_set_client = @saved_cs_client;

--
-- Temporary view structure for view `long_episodes`
--

DROP TABLE IF EXISTS `long_episodes`;
/*!50001 DROP VIEW IF EXISTS `long_episodes`*/;
SET @saved_cs_client      = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `long_episodes` AS SELECT
  1 AS `series_name`,
  1 AS `season_number`,
  1 AS `episode_number`,
  1 AS `episode_name`,
  1 AS `episode_runtime`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `movies`
--

DROP TABLE IF EXISTS `movies`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `movies` (
  `movie_id` mediumint unsigned NOT NULL AUTO_INCREMENT,
  `movie_name` varchar(60) NOT NULL,

```

```

`release_date` date DEFAULT NULL,
`movie_runtime` smallint unsigned DEFAULT NULL,
`movie_rating` float unsigned DEFAULT NULL,
`phase_id` tinyint unsigned NOT NULL,
`box_office_gross` bigint unsigned DEFAULT NULL,
PRIMARY KEY (`movie_id`),
KEY `phase_id_idx` (`phase_id`),
CONSTRAINT `phase_id` FOREIGN KEY (`phase_id`) REFERENCES `phases` (`phase_id`)
) ENGINE=InnoDB AUTO_INCREMENT=33 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `movies`
--

```

```

LOCK TABLES `movies` WRITE;
/*!40000 ALTER TABLE `movies` DISABLE KEYS */;
INSERT INTO `movies` VALUES (1,'Iron Man','2008-05-02',126,7.7,1,585796247),(2,'The
Incredible Hulk','2008-06-13',112,6.2,1,264770996),(3,'Iron Man 2','2010-05-
07',124,6.5,1,623933331),(4,'Thor','2011-05-06',115,6.7,1,449326618),(5,'Captain
America: The First Avenger','2011-07-22',124,7,1,370569774),(6,'The
Avengers','2012-05-04',143,8.1,1,1518815515),(7,'Iron Man 3','2013-05-
03',130,7,2,1214811252),(8,'Thor: The Dark World','2013-11-
08',112,6.2,2,644783140),(9,'Captain America: The Winter Soldier','2014-04-
04',136,7.6,2,714421503),(10,'Guardians of the Galaxy','2014-08-
01',121,7.8,2,773350147),(11,'Avengers: Age of Ultron','2015-05-
01',141,6.8,2,1402809540),(12,'Ant-Man','2015-08-17',117,6.9,2,519311965),
(13,'Captain America: Civil War','2016-05-06',147,7.7,3,1153337496),(14,'Doctor
Strange','2016-11-04',115,7.3,3,677796076),(15,'Guardians of the Galaxy Vol.
2','2017-05-05',136,7.3,3,863756051),(16,'Spider-Man: Homecoming','2017-07-
07',133,7.7,3,880166924),(17,'Thor: Ragnarok','2017-11-03',130,7.6,3,853983911),
(18,'Black Panther','2018-02-16',134,8.3,3,1347597973),(19,'Avengers: Infinity
War','2018-04-27',149,7.6,3,2048359754),(20,'Ant-Man and the Wasp','2018-07-
06',118,7,3,622674139),(21,'Captain Marvel','2019-03-08',123,6.8,3,1128462972),
(22,'Avengers: Endgame','2019-04-26',181,8.2,3,2797501328),(23,'Spider-Man: Far
From Home','2019-07-02',129,7.4,3,1131927996),(24,'Black Widow','2021-07-
09',134,6.9,4,379751655),(25,'Shang-Chi and the Legend of the Ten Rings','2021-09-
03',132,7.5,4,432243292),(26,'Eternals','2021-11-05',156,5.6,4,402064899),
(27,'Spider-Man: No Way Home','2021-12-17',148,7.9,4,1892613952),(28,'Doctor
Strange in the Multiverse of Madness','2022-05-08',126,6.6,4,NULL),(29,'Thor: Love
and Thunder','2022-07-08',NULL,NULL,4,NULL),(30,'Black Panther: Wakanda
Forever','2022-11-11',NULL,NULL,4,NULL),(31,'Ant-Man and the Wasp:
Quantumania','2023-02-17',NULL,NULL,4,NULL),(32,'Guardians of the Galaxy Vol.
3','2023-05-05',NULL,NULL,4,NULL);
/*!40000 ALTER TABLE `movies` ENABLE KEYS */;
UNLOCK TABLES;

```

```

--
-- Table structure for table `movies_has_characters`
--

```

```

DROP TABLE IF EXISTS `movies_has_characters`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `movies_has_characters` (
  `movie_id` mediumint unsigned NOT NULL,
  `character_id` mediumint unsigned NOT NULL,
  PRIMARY KEY (`movie_id`,`character_id`),
  KEY `fk_movies_has_characters_characters1_idx` (`character_id`),

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```

    KEY `fk_movies_has_characters_movies1_idx` (`movie_id`),
    CONSTRAINT `fk_movies_has_characters_characters1` FOREIGN KEY (`character_id`)
REFERENCES `characters` (`character_id`),
    CONSTRAINT `fk_movies_has_characters_movies1` FOREIGN KEY (`movie_id`) REFERENCES
`movies` (`movie_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `movies_has_characters`
--

```

```

LOCK TABLES `movies_has_characters` WRITE;
/*!40000 ALTER TABLE `movies_has_characters` DISABLE KEYS */;
INSERT INTO `movies_has_characters` VALUES (3,1),(4,1),(6,1),(9,1),(11,1),(21,1),
(23,1),(1,2),(3,2),(6,2),(7,2),(11,2),(13,2),(16,2),(19,2),(22,2),(11,3),(13,3),
(19,3),(3,4),(6,4),(9,4),(11,4),(13,4),(19,4),(22,4),(24,4),(3,5),(7,5),(11,5),
(13,5),(19,5),(22,5),(1,6),(3,6),(7,6),(16,6),(22,6),(23,6),(27,6),(5,7),(6,7),
(9,7),(11,7),(13,7),(19,7),(22,7),(4,8),(6,8),(8,8),(11,8),(17,8),(19,8),(22,8),
(10,9),(15,9),(19,9),(22,9),(4,10),(6,10),(8,10),(17,10),(19,10),(6,11),(11,11),
(17,11),(19,11),(22,11),(5,12),(9,12),(13,12),(19,12),(22,12),(13,13),(16,13),
(19,13),(22,13),(23,13),(27,13),(9,14),(11,14),(12,14),(13,14),(19,14),(22,14),
(6,15),(11,15),(13,15),(22,15),(5,16),(9,16),(11,16),(22,16),(14,17),(19,17),
(22,17),(27,17),(11,18),(13,18),(19,18),(22,18),(14,19),(19,19),(22,19),(10,20),
(15,20),(19,20),(22,20),(13,21),(18,21),(19,21),(22,21),(19,22),(22,22),(10,23),
(15,23),(19,23),(22,23),(10,24),(15,24),(19,24),(22,24),(12,25),(13,25),(20,25),
(22,25),(10,26),(15,26),(19,26),(22,26),(21,27),(22,27),(12,28),(20,28),(22,28),
(27,29),(25,31);
/*!40000 ALTER TABLE `movies_has_characters` ENABLE KEYS */;
UNLOCK TABLES;

```

```

--
-- Table structure for table `movies_has_directors`
--

```

```

DROP TABLE IF EXISTS `movies_has_directors`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `movies_has_directors` (
  `movie_id` mediumint unsigned NOT NULL,
  `director_id` mediumint unsigned NOT NULL,
  PRIMARY KEY (`movie_id`,`director_id`),
  KEY `fk_movies_has_directors_directors1_idx` (`director_id`),
  KEY `fk_movies_has_directors_movies1_idx` (`movie_id`),
  CONSTRAINT `fk_movies_has_directors_directors1` FOREIGN KEY (`director_id`)
REFERENCES `directors` (`director_id`),
  CONSTRAINT `fk_movies_has_directors_movies1` FOREIGN KEY (`movie_id`) REFERENCES
`movies` (`movie_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `movies_has_directors`
--

```

```

LOCK TABLES `movies_has_directors` WRITE;
/*!40000 ALTER TABLE `movies_has_directors` DISABLE KEYS */;
INSERT INTO `movies_has_directors` VALUES (1,1),(3,1),(2,2),(4,3),(5,4),(6,5),
(11,5),(7,6),(8,7),(9,8),(13,8),(19,8),(22,8),(9,9),(13,9),(19,9),(22,9),(10,10),

```

```
(15,10),(32,10),(12,11),(20,11),(31,11),(14,12),(16,13),(23,13),(27,13),(17,14),
(29,14),(18,15),(30,15),(21,16),(21,17),(24,18),(25,19),(26,20),(28,21);
/*!40000 ALTER TABLE `movies_has_directors` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Temporary view structure for view `nick_fury_appearances`
--
```

```
DROP TABLE IF EXISTS `nick_fury_appearances`;
/*!50001 DROP VIEW IF EXISTS `nick_fury_appearances`*/;
SET @saved_cs_client = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `nick_fury_appearances` AS SELECT
  1 AS `phase_id`,
  1 AS `mcu_property`,
  1 AS `release_date`*/;
SET character_set_client = @saved_cs_client;
```

```
--
-- Table structure for table `phases`
--
```

```
DROP TABLE IF EXISTS `phases`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `phases` (
  `phase_id` tinyint unsigned NOT NULL,
  `phase_name` varchar(15) NOT NULL,
  PRIMARY KEY (`phase_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--
-- Dumping data for table `phases`
--
```

```
LOCK TABLES `phases` WRITE;
/*!40000 ALTER TABLE `phases` DISABLE KEYS */;
INSERT INTO `phases` VALUES (1,'Phase 1'),(2,'Phase 2'),(3,'Phase 3'),(4,'Phase
4');
/*!40000 ALTER TABLE `phases` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Temporary view structure for view `phases_performance`
--
```

```
DROP TABLE IF EXISTS `phases_performance`;
/*!50001 DROP VIEW IF EXISTS `phases_performance`*/;
SET @saved_cs_client = @@character_set_client;
/*!50503 SET character_set_client = utf8mb4 */;
/*!50001 CREATE VIEW `phases_performance` AS SELECT
  1 AS `phase_name`,
  1 AS `movie_rating_avg`,
  1 AS `box_office_gross`*/;
SET character_set_client = @saved_cs_client;
```

```
--
```

```
-- Temporary view structure for view `successful_movies`  
--
```

```
DROP TABLE IF EXISTS `successful_movies`;  
/*!50001 DROP VIEW IF EXISTS `successful_movies`*/;  
SET @saved_cs_client      = @@character_set_client;  
/*!50503 SET character_set_client = utf8mb4 */;  
/*!50001 CREATE VIEW `successful_movies` AS SELECT  
  1 AS `movie_name`,  
  1 AS `box_office`*/;  
SET character_set_client = @saved_cs_client;
```

```
--  
-- Table structure for table `tv_episodes`  
--
```

```
DROP TABLE IF EXISTS `tv_episodes`;  
/*!40101 SET @saved_cs_client      = @@character_set_client */;  
/*!50503 SET character_set_client = utf8mb4 */;  
CREATE TABLE `tv_episodes` (  
  `episode_id` mediumint unsigned NOT NULL AUTO_INCREMENT,  
  `episode_name` varchar(60) NOT NULL,  
  `episode_number` mediumint unsigned NOT NULL,  
  `episode_release_date` date DEFAULT NULL,  
  `episode_runtime` smallint unsigned DEFAULT NULL,  
  `episode_rating` float unsigned DEFAULT NULL,  
  `series_id` mediumint unsigned NOT NULL,  
  `season_number` mediumint unsigned NOT NULL,  
  PRIMARY KEY (`episode_id`),  
  KEY `series_id_idx` (`series_id`),  
  CONSTRAINT `series_id` FOREIGN KEY (`series_id`) REFERENCES `tv_series`  
(`series_id`)  
) ENGINE=InnoDB AUTO_INCREMENT=49 DEFAULT CHARSET=utf8mb3;  
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--  
-- Dumping data for table `tv_episodes`  
--
```

```
LOCK TABLES `tv_episodes` WRITE;  
/*!40000 ALTER TABLE `tv_episodes` DISABLE KEYS */;  
INSERT INTO `tv_episodes` VALUES (1, 'Pilot', 1, '2013-09-24', 44, 7.5, 1, 1), (2, '0-8-  
4', 2, '2013-10-01', 42, 7.2, 1, 1), (3, 'The Asset', 3, '2013-10-08', 43, 7.3, 1, 1),  
(4, 'Shadows', 1, '2014-09-23', 43, 8.2, 1, 2), (5, 'Heavy is the Head', 2, '2014-09-  
30', 42, 8, 1, 2), (6, 'Laws of Nature', 1, '2015-09-29', 44, 8.5, 1, 3), (7, 'Purpose in the  
Machine', 2, '2015-10-06', 43, 8.6, 1, 3), (8, 'The Ghost', 1, '2016-09-20', 43, 8.2, 1, 4),  
(9, 'Meet the New Boss', 2, '2016-09-27', 43, 8, 1, 4), (10, 'Orientation: Part 1', 1, '2017-  
12-01', 42, 8.9, 1, 5), (11, 'Orientation: Part 2', 2, '2017-12-01', 43, 8.6, 1, 5),  
(12, 'Missing Pieces', 1, '2019-05-10', 42, 8, 1, 6), (13, 'What We\'re Fighting  
For', 13, '2020-08-12', 43, 9.4, 1, 7), (14, 'Into the Ring', 1, '2015-04-10', 53, 8.4, 2, 1),  
(15, 'Cut Man', 2, '2015-04-10', 53, 8.9, 2, 1), (16, 'Stick', 7, '2015-04-10', 50, 8.6, 2, 1),  
(17, 'Daredevil', 13, '2015-04-10', 56, 9.3, 2, 1), (18, 'Bang', 1, '2016-03-18', 48, 8.8, 2, 2),  
(19, 'Dogs to a Gunfight', 2, '2016-03-18', 50, 8.6, 2, 2), (20, 'New York\'s  
Finest', 3, '2016-03-18', 48, 9.4, 2, 2), (21, 'Resurrection', 1, '2018-10-19', 53, 8.3, 2, 3),  
(22, 'Filmed Before a Live Studio Audience', 1, '2021-01-15', 30, 7.3, 8, 1), (23, 'Don\'t  
Touch That Dial', 2, '2021-01-15', 37, 7.6, 8, 1), (24, 'Now in Color', 3, '2021-01-  
22', 33, 8, 8, 1), (25, 'We Interrupt this Program', 4, '2021-01-29', 35, 8.7, 8, 1), (26, 'On a  
Very Special Episode...', 5, '2021-02-05', 42, 8.9, 8, 1), (27, 'All-new Halloween  
Spooktacular!', 6, '2021-02-12', 38, 8.7, 8, 1), (28, 'Breaking the Fourth Wall', 7, '2021-
```

```

02-19',38,8.3,8,1),(29,'Previously On',8,'2021-02-26',47,8.9,8,1),(30,'The Series
Finale',9,'2021-03-05',50,8.3,8,1),(31,'New World Order',1,'2021-03-
19',47,7.6,9,1),(32,'The Star-Spangled Man',2,'2021-03-26',47,7.7,9,1),(33,'Power
Broker',3,'2021-04-02',51,7.8,9,1),(34,'The Whole World is Watching',4,'2021-04-
09',53,8.7,9,1),(35,'Truth',5,'2021-04-16',57,7.9,9,1),(36,'One World, One
People',6,'2021-04-23',49,7.7,9,1),(37,'Never Meet Your Heroes',1,'2021-11-
24',47,7.5,12,1),(38,'Hide and Seek',2,'2021-11-24',49,7.6,12,1),
(39,'Echoes',3,'2021-12-01',42,8.3,12,1),(40,'Partners, Am I Right?',4,'2021-12-
08',39,8,12,1),(41,'Ronin',5,'2021-12-15',44,8.5,12,1),(42,'So this is
Christmas?',6,'2021-12-22',61,8,12,1),(43,'The Goldfish Problem',1,'2022-03-
30',47,8.1,13,1),(44,'Summon the Suit',2,'2022-04-06',50,8,13,1),(45,'The Friendly
Type',3,'2022-04-13',50,7.7,13,1),(46,'The Tomb',4,'2022-04-20',51,8.3,13,1),
(47,'Asylum',5,'2022-04-27',47,9,13,1),(48,'Gods and Monsters',6,'2022-05-
04',42,8,13,1);
/*!40000 ALTER TABLE `tv_episodes` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `tv_series`
--

DROP TABLE IF EXISTS `tv_series`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `tv_series` (
  `series_id` mediumint unsigned NOT NULL AUTO_INCREMENT,
  `series_name` varchar(60) NOT NULL,
  `series_start_date` date DEFAULT NULL,
  `series_end_date` date DEFAULT NULL,
  `phase_id` tinyint unsigned NOT NULL,
  PRIMARY KEY (`series_id`),
  KEY `phase_id_idx` (`phase_id`),
  CONSTRAINT `phase_id_tv` FOREIGN KEY (`phase_id`) REFERENCES `phases`
(`phase_id`)
) ENGINE=InnoDB AUTO_INCREMENT=21 DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `tv_series`
--

LOCK TABLES `tv_series` WRITE;
/*!40000 ALTER TABLE `tv_series` DISABLE KEYS */;
INSERT INTO `tv_series` VALUES (1,'Agents of S.H.I.E.L.D.','2013-09-24','2020-08-
12',2),(2,'Daredevil','2015-04-10','2018-10-19',3),(3,'Jessica Jones','2015-11-
20','2019-06-14',3),(4,'Luke Cage','2016-09-30','2018-06-22',3),(5,'Iron
Fist','2017-03-17','2018-09-07',3),(6,'The Defenders','2017-08-18','2017-08-18',3),
(7,'The Punisher','2017-11-17','2019-01-18',3),(8,'WandaVision','2021-01-15','2021-
03-05',4),(9,'The Falcon and The Winter Soldier','2021-03-19','2021-04-23',4),
(10,'Loki','2021-06-09',NULL,4),(11,'What If...?','2021-08-11',NULL,4),
(12,'Hawkeye','2021-11-24','2021-12-22',4),(13,'Moon Knight','2022-03-30','2022-05-
04',4),(14,'Ms. Marvel','2022-06-08',NULL,4),(15,'She-Hulk',NULL,NULL,4),
(16,'Secret Invasion',NULL,NULL,4),(17,'Spider-Man: Freshman Year',NULL,NULL,4),
(18,'Echo',NULL,NULL,4),(19,'Armor Wars',NULL,NULL,4),(20,'Ironheart',NULL,NULL,4);
/*!40000 ALTER TABLE `tv_series` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `tv_series_has_characters`

```



--

```
DROP TABLE IF EXISTS `tv_series_has_characters`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `tv_series_has_characters` (
  `series_id` mediumint unsigned NOT NULL,
  `character_id` mediumint unsigned NOT NULL,
  PRIMARY KEY (`series_id`,`character_id`),
  KEY `fk_tv_series_has_characters_characters1_idx` (`character_id`),
  KEY `fk_tv_series_has_characters_tv_series1_idx` (`series_id`),
  CONSTRAINT `fk_tv_series_has_characters_characters1` FOREIGN KEY (`character_id`)
REFERENCES `characters` (`character_id`),
  CONSTRAINT `fk_tv_series_has_characters_tv_series1` FOREIGN KEY (`series_id`)
REFERENCES `tv_series` (`series_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;
```

--

-- Dumping data for table `tv\_series\_has\_characters`

--

```
LOCK TABLES `tv_series_has_characters` WRITE;
/*!40000 ALTER TABLE `tv_series_has_characters` DISABLE KEYS */;
INSERT INTO `tv_series_has_characters` VALUES (1,1),(11,1),(16,1),(11,2),(8,3),
(11,3),(11,4),(9,5),(11,5),(16,5),(19,5),(11,6),(11,7),(1,8),(10,8),(11,8),(11,9),
(10,10),(11,10),(11,11),(15,11),(9,12),(11,12),(11,13),(17,13),(9,14),(11,14),
(10,15),(11,15),(12,15),(1,16),(11,16),(11,17),(8,18),(11,18),(11,19),(11,20),
(11,21),(10,22),(11,22),(11,23),(11,25),(11,26),(11,27),(11,28),(2,29),(3,29),
(6,29),(18,29),(13,30);
/*!40000 ALTER TABLE `tv_series_has_characters` ENABLE KEYS */;
UNLOCK TABLES;
```

--

-- Final view structure for view `best\_director`

--

```
/*!50001 DROP VIEW IF EXISTS `best_director`*/;
/*!50001 SET @saved_cs_client      = @@character_set_client */;
/*!50001 SET @saved_cs_results     = @@character_set_results */;
/*!50001 SET @saved_col_connection = @@collation_connection */;
/*!50001 SET character_set_client  = utf8mb4 */;
/*!50001 SET character_set_results = utf8mb4 */;
/*!50001 SET collation_connection  = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `best_director` AS select concat(`directors`.`director_last_name`,`
`,`directors`.`director_first_name`) AS
`director_name`,concat('$',convert(format(sum(`movies`.`box_office_gross`),2) using
utf8mb4)) AS `total_box_office_gross`,format(avg(`movies`.`movie_rating`),2) AS
`avg_movie_rating` from ((`movies_has_directors` left join `movies`
on((`movies_has_directors`.`movie_id` = `movies`.`movie_id`))) left join
`directors` on((`movies_has_directors`.`director_id` = `directors`.`director_id`)))
group by `director_name` order by sum(`movies`.`box_office_gross`) desc */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;
```

--

```

-- Final view structure for view `highest_grossing_character`
--

/*!50001 DROP VIEW IF EXISTS `highest_grossing_character`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection    = @@collation_connection */;
/*!50001 SET character_set_client      = utf8mb4 */;
/*!50001 SET character_set_results     = utf8mb4 */;
/*!50001 SET collation_connection      = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `highest_grossing_character` AS select `x`.`character_name` AS
`character_name`,concat('$',convert(format(max(`x`.`character_gross`),2) using
utf8mb4)) AS `character_gross` from (select
concat(`characters`.`character_first_name`,` `,`characters`.`character_last_name`)
AS `character_name`,count(`movies_has_characters`.`character_id`) AS
`appearances`,sum(`movies`.`box_office_gross`) AS `character_gross` from
((`movies_has_characters` left join `movies` on((`movies_has_characters`.`movie_id`
= `movies`.`movie_id`))) left join `characters`
on((`movies_has_characters`.`character_id` = `characters`.`character_id`))) group
by `character_name` order by sum(`movies`.`box_office_gross`) desc limit 1,25) `x`
*/;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `long_episodes`
--

/*!50001 DROP VIEW IF EXISTS `long_episodes`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection    = @@collation_connection */;
/*!50001 SET character_set_client      = utf8mb4 */;
/*!50001 SET character_set_results     = utf8mb4 */;
/*!50001 SET collation_connection      = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `long_episodes` AS select `tv_series`.`series_name` AS
`series_name`,`tv_episodes`.`season_number` AS
`season_number`,`tv_episodes`.`episode_number` AS
`episode_number`,`tv_episodes`.`episode_name` AS
`episode_name`,`tv_episodes`.`episode_runtime` AS `episode_runtime` from
(`tv_episodes` join `tv_series` on((`tv_episodes`.`series_id` =
`tv_series`.`series_id`))) where (`tv_episodes`.`episode_runtime` > 45) group by
`tv_episodes`.`episode_id` order by `tv_episodes`.`episode_runtime` desc */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

--
-- Final view structure for view `nick_fury_appearances`
--

/*!50001 DROP VIEW IF EXISTS `nick_fury_appearances`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;

```

```

/*!50001 SET @saved_col_connection      = @@collation_connection */;
/*!50001 SET character_set_client       = utf8mb4 */;
/*!50001 SET character_set_results      = utf8mb4 */;
/*!50001 SET collation_connection       = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `nick_fury_appearances` AS select `movies`.`phase_id` AS
`phase_id`,`movies`.`movie_name` AS `mcu_property`,`movies`.`release_date` AS
`release_date` from ((`movies_has_characters` left join `movies`
on((`movies_has_characters`.`movie_id` = `movies`.`movie_id`))) left join
`characters` on((`movies_has_characters`.`character_id` =
`characters`.`character_id`))) where (`movies_has_characters`.`character_id` = 1)
union select `tv_series`.`phase_id` AS `phase_id`,concat(`tv_series`.`series_name`)
AS `mcu_property`,`tv_series`.`series_start_date` AS `release_date` from
(((`tv_series_has_characters` left join `tv_series`
on((`tv_series_has_characters`.`series_id` = `tv_series`.`series_id`))) left join
`tv_episodes` on((`tv_series_has_characters`.`series_id` =
`tv_episodes`.`series_id`))) left join `characters`
on((`tv_series_has_characters`.`character_id` = `characters`.`character_id`)))
where (`tv_series_has_characters`.`character_id` = 1) order by `release_date` */;
/*!50001 SET character_set_client       = @saved_cs_client */;
/*!50001 SET character_set_results      = @saved_cs_results */;
/*!50001 SET collation_connection       = @saved_col_connection */;

```

--

-- Final view structure for view `phases\_performance`

--

```

/*!50001 DROP VIEW IF EXISTS `phases_performance` */;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8mb4 */;
/*!50001 SET character_set_results     = utf8mb4 */;
/*!50001 SET collation_connection      = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `phases_performance` AS select `phases`.`phase_name` AS
`phase_name`,format(avg(`movies`.`movie_rating`),2) AS
`movie_rating_avg`,concat('$',convert(format(sum(`movies`.`box_office_gross`),2)
using utf8mb4)) AS `box_office_gross` from (`phases` join `movies`
on((`phases`.`phase_id` = `movies`.`phase_id`))) group by `phases`.`phase_name` */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection      = @saved_col_connection */;

```

--

-- Final view structure for view `successful\_movies`

--

```

/*!50001 DROP VIEW IF EXISTS `successful_movies` */;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection     = @@collation_connection */;
/*!50001 SET character_set_client      = utf8mb4 */;
/*!50001 SET character_set_results     = utf8mb4 */;
/*!50001 SET collation_connection      = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */

```

```
/*!50001 VIEW `successful_movies` AS select `movies`.`movie_name` AS  
`movie_name`,concat('$',convert(format(`movies`.`box_office_gross`,2) using  
utf8mb4)) AS `box_office` from `movies` where (`movies`.`box_office_gross` >  
(select avg(`movies`.`box_office_gross`) from `movies`)) order by  
`movies`.`box_office_gross` desc */;  
/*!50001 SET character_set_client      = @saved_cs_client */;  
/*!50001 SET character_set_results     = @saved_cs_results */;  
/*!50001 SET collation_connection      = @saved_col_connection */;  
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;  
  
/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;  
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;  
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;  
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;  
  
-- Dump completed on 2022-05-10 17:34:56
```