

```

-- phpMyAdmin SQL Dump
-- version 5.2.0
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Dec 19, 2022 at 03:37 PM
-- Server version: 10.4.27-MariaDB
-- PHP Version: 8.1.12

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!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 utf8mb4 */;

--
-- Database: `database_assignment`
--

--
-- Table structure for table `agent`
--

CREATE TABLE `agent` (
  `AgentID` varchar(5) NOT NULL,
  `Name` varchar(50) DEFAULT NULL,
  `Phone` varchar(13) DEFAULT NULL,
  `Address` varchar(100) DEFAULT NULL,
  `City` varchar(30) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `agent`
--

INSERT INTO `agent` (`AgentID`, `Name`, `Phone`, `Address`, `City`) VALUES
('AG001', 'James Smith', '078-4293-2257', '89 Manor Way', 'Great Linford'),
('AG002', 'Julie McEwen', '079-1249-8524', '49 Trehafod Road', 'Buck\'s Mills');

--
-- Triggers `agent`
--
DELIMITER $$
CREATE TRIGGER `TRG_Agent` BEFORE DELETE ON `agent` FOR EACH ROW BEGIN
DECLARE Found INTEGER;
  SELECT COUNT(*) INTO Found FROM tblcountdelete;
  IF Found <= 0 THEN
    INSERT INTO tblcountdelete VALUES(1);
  ELSE
    UPDATE tblcountdelete
    SET countDelete = countDelete + 1;
  END IF;
END

```

```

$$
DELIMITER ;

-- -----

--
-- Stand-in structure for view `agentjobs`
-- (See below for the actual view)
--
CREATE TABLE `agentjobs` (
  `AgentID` varchar(5)
, `DifferentJobs` bigint(21)
);

-- -----

--
-- Table structure for table `band`
--
CREATE TABLE `band` (
  `BandID` varchar(5) NOT NULL,
  `Name` varchar(50) DEFAULT NULL,
  `Description` varchar(255) DEFAULT NULL,
  `AgentID` varchar(5) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

--
-- Dumping data for table `band`
--

INSERT INTO `band` (`BandID`, `Name`, `Description`, `AgentID`) VALUES
('BN001', 'The Killers', 'recognised as one of the biggest rock acts in the world', 'AG001'),
('BN002', 'The Eagles', 'Factory Records changed the face of British music and Joy Division were a huge part of its success', 'AG002'),
('BN003', 'Foo Fighters', 'The mod revival the band helped to spark a whole subculture just shows how influential', 'AG002'),
('BN004', 'Red Hot Chili Peppers', 'Get It On, Metal Guru and Children Of The Revolution', 'AG001'),
('BN005', 'Guns N Roses', 'The group released era-defining classics like Paranoid, War Pigs and Iron Man, and influenced the outlook of British rock music', 'AG002');

-- -----

--
-- Table structure for table `member`
--
CREATE TABLE `member` (
  `MemberID` varchar(6) NOT NULL,
  `Name` varchar(50) DEFAULT NULL,
  `DOB` date DEFAULT NULL,
  `Gender` char(1) DEFAULT NULL,
  `Phone` varchar(12) DEFAULT NULL,
  `JobType` varchar(30) DEFAULT NULL,
  `BandID` varchar(5) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

```

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--
-- Dumping data for table `member`
--
```

```
INSERT INTO `member` (`MemberID`, `Name`, `DOB`, `Gender`, `Phone`, `JobType`,
`BandID`) VALUES
('ME001', 'Jennifer Wilmott', '1997-12-15', 'F', '797-577-7666', 'Drummer',
'BN001'),
('ME002', 'Roberto Mace', '1996-02-06', 'M', '797-577-7667', 'Lightman', 'BN002'),
('ME003', 'Wayne Hartmore', '1998-03-16', 'M', '797-577-7668', 'Security',
'BN003'),
('ME004', 'Graeme Davis', '1996-09-14', 'M', '797-577-7669', 'Beat Boxer',
'BN004'),
('ME005', 'Patrick Connor', '1997-11-08', 'F', '797-577-7670', 'Electrician',
'BN001'),
('ME006', 'Peter Court', '1989-01-04', 'M', '797-577-7671', 'Drummer', 'BN002'),
('ME007', 'Natalie French', '1997-02-19', 'F', '797-577-7672', 'Lightman',
'BN003'),
('ME008', 'Josephine Trotter', '1995-10-19', 'F', '797-577-7673', 'Security',
'BN004'),
('ME009', 'Trevor Mills', '1986-01-01', 'M', '797-577-7674', 'Beat Boxer',
'BN005'),
('ME010', 'Joanna Repetto', '1990-09-30', 'M', '797-577-7675', 'Electrician',
'BN001'),
('ME011', 'Michelle Caprice', '1997-04-16', 'M', '797-577-7676', 'Lightman',
'BN003'),
('ME012', 'Jackie Matthews', '1997-08-05', 'M', '797-577-7677', 'Security',
'BN005');
```

```
-- -----
--
-- Table structure for table `musician`
--
```

```
CREATE TABLE `musician` (
  `MusicianID` varchar(5) NOT NULL,
  `Name` varchar(50) DEFAULT NULL,
  `NickName` varchar(30) DEFAULT NULL,
  `DOB` date DEFAULT NULL,
  `Genre` varchar(30) DEFAULT NULL,
  `BandID` varchar(5) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
--
-- Dumping data for table `musician`
--
```

```
INSERT INTO `musician` (`MusicianID`, `Name`, `NickName`, `DOB`, `Genre`, `BandID`)
VALUES
('MU101', 'Richard Molavi', NULL, '1992-06-02', 'Hip Hop', 'BN001'),
('MU102', 'Megan Williams', NULL, '1993-03-13', 'Rock', 'BN002'),
('MU103', 'William Clifford', NULL, '1996-05-12', 'Hip Hop', 'BN003'),
('MU104', 'Robert Meadows', 'Yardbird', '1998-08-26', 'Rock', 'BN004'),
('MU105', 'James Marsh', NULL, '1999-04-16', 'Club', 'BN005'),
('MU106', 'James Miles', NULL, '1990-05-16', 'Pop', 'BN001'),
('MU107', 'Joseph Sanders', NULL, '1997-08-12', 'Beat', 'BN002'),
('MU108', 'Julie Whittaker', 'The Queen of Soul', '1986-11-10', 'Hip Hop',
'BN003'),
```

```
( 'MU109', 'Adrian Davis', NULL, '1990-01-19', 'Beat', 'BN004'),
( 'MU110', 'Linda Yorke', NULL, '1986-02-19', 'Club', 'BN005'),
( 'MU111', 'Fiona Kelso', NULL, '1997-07-03', 'Pop', 'BN001'),
( 'MU112', 'Adrian Marsh', NULL, '1988-03-01', 'Rock', 'BN002'),
( 'MU113', 'Martyn Holmes', NULL, '1998-04-25', 'Hip Hop', 'BN003'),
( 'MU114', 'Marie-Lisa Johannsson', 'The Fab Four', '1997-03-19', 'Beat', 'BN004'),
( 'MU115', 'Nelson Hadlow', NULL, '1991-05-21', 'Hip Hop', 'BN005'),
( 'MU116', 'John Lugini', 'The Man in Black', '1996-05-04', 'Pop', 'BN001'),
( 'MU117', 'Ramirez Damatos', NULL, '1998-09-28', 'Rock', 'BN002'),
( 'MU118', 'Kelly Wight', NULL, '1999-02-02', 'Beat', 'BN003'),
( 'MU119', 'George Diamond', 'The Lizard King', '1997-11-15', 'Beat', 'BN004'),
( 'MU120', 'Joanna Neilson', NULL, '1998-03-24', 'Club', 'BN005');
```

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```
--
-- Table structure for table `performance`
--
```

```
CREATE TABLE `performance` (
  `PerformanceID` int(11) NOT NULL,
  `StageNo` varchar(10) DEFAULT NULL,
  `BandID` varchar(5) DEFAULT NULL,
  `StartTime` timestamp(6) NULL DEFAULT NULL,
  `MaxTime` timestamp(6) NULL DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
--
-- Dumping data for table `performance`
--
```

```
INSERT INTO `performance` (`PerformanceID`, `StageNo`, `BandID`, `StartTime`,
`MaxTime`) VALUES
(1, 'Stage1', 'BN001', '2022-12-19 12:00:00.000000', '2022-12-19 14:00:00.000000'),
(2, 'Stage1', 'BN002', '2022-12-19 15:00:00.000000', '2022-12-19 17:00:00.000000'),
(3, 'Stage1', 'BN003', '2022-12-19 18:00:00.000000', '2022-12-19 20:00:00.000000'),
(4, 'Stage1', 'BN004', '2022-12-19 21:00:00.000000', '2022-12-19 23:00:00.000000'),
(5, 'Stage2', 'BN005', '2022-12-19 15:00:00.000000', '2022-12-19 17:00:00.000000'),
(6, 'Stage2', 'BN002', '2022-12-19 18:00:00.000000', '2022-12-19 20:00:00.000000'),
(7, 'Stage2', 'BN003', '2022-12-19 21:00:00.000000', '2022-12-19 23:00:00.000000'),
(8, 'Stage3', 'BN001', '2022-12-19 18:00:00.000000', '2022-12-19 20:00:00.000000'),
(9, 'Stage3', 'BN002', '2022-12-19 21:00:00.000000', '2022-12-19 23:00:00.000000');
```

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-- -----
```

```
--
-- Table structure for table `stage`
--
```

```
CREATE TABLE `stage` (
  `StageNo` varchar(10) NOT NULL,
  `Name` varchar(50) DEFAULT NULL,
  `Capacity` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
```

```
--
-- Dumping data for table `stage`
--
```

```

INSERT INTO `stage` (`StageNo`, `Name`, `Capacity`) VALUES
('Stage1', 'John Peel Stage', 300),
('Stage2', 'Marlin Stage', 600),
('Stage3', 'Great Britain Stage', 1200),
('Stage4', 'Youth Club Stage', 500);

```

```

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```

```

--
-- Table structure for table `tblcountdelete`
--

```

```

CREATE TABLE `tblcountdelete` (
  `countDelete` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

```

```

--
-- Dumping data for table `tblcountdelete`
--

```

```

INSERT INTO `tblcountdelete` (`countDelete`) VALUES
(2);

```

```

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```

```

--
-- Structure for view `agentjobs`
--

```

```

DROP TABLE IF EXISTS `agentjobs`;

```

```

CREATE ALGORITHM=UNDEFINED DEFINER=`root`@`localhost` SQL SECURITY DEFINER VIEW
`agentjobs` AS SELECT `a`.`AgentID` AS `AgentID`, count(distinct `m`.`JobType`) AS
`DifferentJobs` FROM ((`agent` `a` join `band` `b` on(`a`.`AgentID` =
`b`.`AgentID`)) join `member` `m` on(`b`.`BandID` = `m`.`BandID`)) GROUP BY
`a`.`AgentID` `AgentID` ;

```

```

--
-- Indexes for dumped tables
--

```

```

--
-- Indexes for table `agent`
--

```

```

ALTER TABLE `agent`
  ADD PRIMARY KEY (`AgentID`);

```

```

--
-- Indexes for table `band`
--

```

```

ALTER TABLE `band`
  ADD PRIMARY KEY (`BandID`),
  ADD KEY `AgentID` (`AgentID`);

```

```

--
-- Indexes for table `member`
--

```

```

ALTER TABLE `member`
  ADD PRIMARY KEY (`MemberID`),
  ADD KEY `BandID` (`BandID`);

```

```

--
-- Indexes for table `musician`
--
ALTER TABLE `musician`
  ADD PRIMARY KEY (`MusicianID`),
  ADD KEY `BandID` (`BandID`);

--
-- Indexes for table `performance`
--
ALTER TABLE `performance`
  ADD PRIMARY KEY (`PerformanceID`),
  ADD KEY `StageNo` (`StageNo`),
  ADD KEY `BandID` (`BandID`);

--
-- Indexes for table `stage`
--
ALTER TABLE `stage`
  ADD PRIMARY KEY (`StageNo`);

--
-- Constraints for dumped tables
--

--
-- Constraints for table `band`
--
ALTER TABLE `band`
  ADD CONSTRAINT `band_ibfk_1` FOREIGN KEY (`AgentID`) REFERENCES `agent`
  (`AgentID`) ON DELETE CASCADE;

--
-- Constraints for table `member`
--
ALTER TABLE `member`
  ADD CONSTRAINT `member_ibfk_1` FOREIGN KEY (`BandID`) REFERENCES `band`
  (`BandID`) ON DELETE CASCADE;

--
-- Constraints for table `musician`
--
ALTER TABLE `musician`
  ADD CONSTRAINT `musician_ibfk_1` FOREIGN KEY (`BandID`) REFERENCES `band`
  (`BandID`) ON DELETE CASCADE;

--
-- Constraints for table `performance`
--
ALTER TABLE `performance`
  ADD CONSTRAINT `performance_ibfk_1` FOREIGN KEY (`StageNo`) REFERENCES `stage`
  (`StageNo`) ON DELETE CASCADE,
  ADD CONSTRAINT `performance_ibfk_2` FOREIGN KEY (`BandID`) REFERENCES `band`
  (`BandID`) ON DELETE CASCADE;
COMMIT;

/*!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 */;
```