

SQL Statements:

```
-- Dumping database structure for 332
CREATE DATABASE IF NOT EXISTS `332` /*!40100 DEFAULT CHARACTER SET latin1 */;
USE `332`;
```



```
-- Dumping structure for table 332.car
CREATE TABLE IF NOT EXISTS `car` (
  `vin` varchar(20) NOT NULL,
  `parking_address` varchar(50) NOT NULL,
  `make` varchar(50) NOT NULL,
  `model` varchar(50) NOT NULL,
  `make_year` year(4) NOT NULL,
  `daily_rental_fee` decimal(15,2) NOT NULL,
  PRIMARY KEY (`vin`),
  KEY `FK_car_parking_location` (`parking_address`),
  CONSTRAINT `FK_car_parking_location` FOREIGN KEY (`parking_address`) REFERENCES `parking_location`
  (`parking_address`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- Dumping data for table 332.car: ~2 rows (approximately)
/*!40000 ALTER TABLE `car` DISABLE KEYS */;
INSERT INTO `car` (`vin`, `parking_address`, `make`, `model`, `make_year`, `daily_rental_fee`) VALUES
  ('123gh45rt7y6534rw', '67 Albert St', 'Chevy', 'Cruise', '2016', 105.00),
  ('736hfyst618hye76t', '20 Division St', 'Ferrari', 'Spider', '1996', 600.99);
/*!40000 ALTER TABLE `car` ENABLE KEYS */;
```

 vin	 parking_address	make	model	make_year	daily_rental_fee
123gh45rt7y6534rw	67 Albert St	Chevy	Cruise	2016	105.00
736hfyst618hye76t	20 Division St	Ferrari	Spider	1996	600.99

```
-- Dumping structure for table 332.car_maintenance_history
CREATE TABLE IF NOT EXISTS `car_maintenance_history` (
  `vin` varchar(20) NOT NULL,
  `maintenance_date` date NOT NULL,
  `odometer_reading` int(20) NOT NULL,
  `maintenance_type` enum('Scheduled','Repair','Body Work') NOT NULL,
  `description` varchar(50) NOT NULL,
  `maintenance_time` time NOT NULL,
  PRIMARY KEY (`maintenance_date`, `vin`),
  KEY `FK_car_maintenance_history_car` (`vin`),
  CONSTRAINT `FK_car_maintenance_history_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- Dumping data for table 332.car_maintenance_history: ~2 rows (approximately)
/*!40000 ALTER TABLE `car_maintenance_history` DISABLE KEYS */;
INSERT INTO `car_maintenance_history` (`vin`, `maintenance_date`, `odometer_reading`, `maintenance_type`, `description`, `maintenance_time`) VALUES
  ('736hfyst618hye76t', '2017-02-02', 2789, 'Scheduled', 'Oil Change', '12:16:45'),
  ('123gh45rt7y6534rw', '2017-02-17', 20176, 'Repair', 'Brakes', '09:45:19');
/*!40000 ALTER TABLE `car_maintenance_history` ENABLE KEYS */;
```

 vin	 maintenance_date	odometer_reading	maintenance_type	description	maintenance_time
736hfyst618hye76t	2017-02-02	2,789	Scheduled	Oil Change	12:16:45
123gh45rt7y6534rw	2017-02-17	20,176	Repair	Brakes	09:45:19

```
-- Dumping structure for table 332.comment
```




```
CREATE TABLE IF NOT EXISTS `comment` (
  `member_num` int(20) NOT NULL,
  `vin` varchar(20) NOT NULL,
  `rating` enum('1','2','3','4') NOT NULL,
  `comment_text` varchar(100) NOT NULL,
  `comment_time` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE
CURRENT_TIMESTAMP,
  PRIMARY KEY (`member_num`,`vin`,`comment_time`),
  KEY `FK_comment_car` (`vin`),
  KEY `FK_comment_member` (`member_num`),
  CONSTRAINT `FK_comment_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`),
  CONSTRAINT `FK_comment_member` FOREIGN KEY (`member_num`) REFERENCES `member`
(`member_num`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

-- Dumping data for table 332.comment: ~2 rows (approximately)

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

```
INSERT INTO `comment` (`member_num`,`vin`,`rating`,`comment_text`,`comment_time`) VALUES
(123456,'123gh45rt7y6534rw','3','Had a great time!','2017-03-02 00:13:57'),
(654321,'736hfyst618hye76t','4','Great ride!','2017-03-02 00:13:18');
```

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

 member_num	 vin	rating	comment_text	 comment_time
123,456	123gh45rt7y6534rw	3	Had a great time!	2017-03-02 00:13:57
654,321	736hfyst618hye76t	4	Great ride!	2017-03-02 00:13:18

-- Dumping structure for table 332.member

```
CREATE TABLE IF NOT EXISTS `member` (
  `member_num` int(20) NOT NULL,
  `f_name` varchar(50) NOT NULL,
  `l_name` varchar(50) NOT NULL,
  `phone_num` varchar(10) NOT NULL,
  `email` varchar(50) DEFAULT NULL,
  `license_num` varchar(20) NOT NULL,
  `annual_mem_fee` decimal(15,2) NOT NULL,
  `role` enum('User','Admin') NOT NULL,
  `username` varchar(20) NOT NULL,
  `password` varchar(50) NOT NULL,
  PRIMARY KEY (`member_num`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

-- Dumping data for table 332.member: ~2 rows (approximately)

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

```
INSERT INTO `member` (`member_num`,`f_name`,`l_name`,`phone_num`,`email`,`license_num`,
`annual_mem_fee`,`role`,`username`,`password`) VALUES
(123456,'Mitch','Mulder','905-756-73',NULL,'L4762-73672-37262',100.25,'User','MitchMulder',
'rVs7ucMHad1i8V'),
(654321,'Michael','Tanel','905-362-37','michael.tanel@queensu.ca','M6352-72653-74653',100.25,
'Admin','MichaelTanel','uThQkusSKCtym4');
```

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

 member_num	f_name	l_name	phone_num	email	license_num	annual_mem_fee	role	username	password
123,456	Mitch	Mulder	905-756-73	(NULL)	L4762-73672-37262	100.25	User	MitchMulder	rVs7ucMHad1i8V
654,321	Michael	Tanel	905-362-37	michael.tanel@queensu.ca	M6352-72653-74653	100.25	Admin	MichaelTanel	uThQkusSKCtym4

-- Dumping structure for table 332.parking_location

```
CREATE TABLE IF NOT EXISTS `parking_location` (
  `parking_address` varchar(50) NOT NULL,
  `num_spaces` int(10) NOT NULL,
```




```
PRIMARY KEY (`parking_address`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- Dumping data for table 332.parking_location: ~1 rows (approximately)
/*!40000 ALTER TABLE `parking_location` DISABLE KEYS */;
INSERT INTO `parking_location` (`parking_address`, `num_spaces`) VALUES
    ('20 Division St', 100),
    ('67 Albert St', 55);
/*!40000 ALTER TABLE `parking_location` ENABLE KEYS */;
```

 parking_address	num_spaces
20 Division St	100
67 Albert St	55

```
-- Dumping structure for table 332.rental_history
CREATE TABLE IF NOT EXISTS `rental_history` (
  `vin` varchar(20) NOT NULL,
  `member_num` int(20) NOT NULL,
  `pick-up_odometer_reading` int(20) NOT NULL,
  `drop-off_odometer_reading` int(20) NOT NULL,
  `status` enum('Normal','Damaged','Not Running') NOT NULL,
  `rent_date` date NOT NULL,
  `pick-up_time` time NOT NULL,
  `drop-off_time` time NOT NULL,
  PRIMARY KEY (`rent_date`, `vin`, `member_num`),
  KEY `FK_member_rental_history_member` (`member_num`),
  KEY `FK_rental_history_car` (`vin`),
  CONSTRAINT `FK_member_rental_history_member` FOREIGN KEY (`member_num`) REFERENCES `member`
  (`member_num`),
  CONSTRAINT `FK_rental_history_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
-- Dumping data for table 332.rental_history: ~2 rows (approximately)
/*!40000 ALTER TABLE `rental_history` DISABLE KEYS */;
INSERT INTO `rental_history` (`vin`, `member_num`, `pick-up_odometer_reading`, `drop-off_odometer_reading`,
`status`, `rent_date`, `pick-up_time`, `drop-off_time`) VALUES
    ('123gh45rt7y6534rw', 123456, 34576, 37645, 'Normal', '2017-03-02', '00:00:00', '13:12:13'),
    ('736hfyst618hye76t', 654321, 3245, 7654, 'Normal', '2017-03-02', '08:56:17', '12:34:19');
/*!40000 ALTER TABLE `rental_history` ENABLE KEYS */;
```

 vin	 member_num	pick-up_odometer_reading	drop-off_odometer_reading	status	 rent_date	pick-up_time	drop-off_time
123gh45rt7y6534rw	123,456	34,576	37,645	Normal	2017-03-02	00:00:00	13:12:13
736hfyst618hye76t	654,321	3,245	7,654	Normal	2017-03-02	08:56:17	12:34:19

```
-- Dumping structure for table 332.reservation
CREATE TABLE IF NOT EXISTS `reservation` (
  `reservation_num` int(11) NOT NULL AUTO_INCREMENT,
  `member_num` int(20) NOT NULL,
  `vin` varchar(20) NOT NULL,
  `reservation_date` date NOT NULL,
  `access_code` int(20) NOT NULL,
  `reservation_length` int(5) NOT NULL,
  PRIMARY KEY (`reservation_num`),
  KEY `FK_reservation_car` (`vin`),
  KEY `FK_reservation_member` (`member_num`),
  CONSTRAINT `FK_reservation_car` FOREIGN KEY (`vin`) REFERENCES `car` (`vin`),
  CONSTRAINT `FK_reservation_member` FOREIGN KEY (`member_num`) REFERENCES `member`
  (`member_num`)
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=latin1;
```

-- Dumping data for table 332.reservation: ~2 rows (approximately)


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

```
INSERT INTO `reservation` (`reservation_num`, `member_num`, `vin`, `reservation_date`, `access_code`,  
`reservation_length`) VALUES
```

```
  (1, 654321, '736hfyst618hye76t', '2017-03-02', 1234, 2),
```

```
  (2, 123456, '123gh45rt7y6534rw', '2017-03-02', 432176, 4);
```

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

 reservation_num	 member_num	 vin	reservation_date	access_code	reservation_length
1	654,321	736hfyst618hye76t	2017-03-02	1,234	2
2	123,456	123gh45rt7y6534rw	2017-03-02	432,176	4

```
/*!40101 SET SQL_MODE=IFNULL(@OLD_SQL_MODE, '') */;
```

```
/*!40014 SET FOREIGN_KEY_CHECKS=IF(@OLD_FOREIGN_KEY_CHECKS IS NULL, 1,  
@OLD_FOREIGN_KEY_CHECKS) */;
```

```
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
```