SQL Assignment no 1

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CREATE TABLE `assin`.`customer` (

`cust\_id` VARCHAR(5) NOT NULL,

`Fname` VARCHAR(15) NOT NULL,

`Lnamel` VARCHAR(15) NOT NULL,

`Area` CHAR(2) NOT NULL,

`Phone` INT(10) NOT NULL,

`DOB` DATE NOT NULL,

`Payment` DECIMAL(6,2) NOT NULL,

PRIMARY KEY (`cust\_id`));

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A02', 'Vandana', 'Roy', 'MU', '98757654', '1987-12-20', '1000.75');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A03', 'Pramada', 'Jauguste', 'DA', '98757654', '1967-06-25', '500.00');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A04', 'Basu', 'Navindi', 'BA', '67987665', '1956-02-26', '860.00');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A05', 'Ravi', 'Shridhar', 'NA', '98757654', '1989-02-15', '500.50');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A06', 'Rukmini', 'Aiyer', 'GH', '23451346', '1987-08-23', '1500.50');

UPDATE `assin`.`customer` SET `Area` = 'SA' WHERE (`cust\_id` = 'A01');

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| cust\_id | Fname | Lnamel | Area | Phone | DOB | Payment |
| A01 | Ivan | Ross | SA | 23451346 | ######## | 800.5 |
| A02 | Vandana | Roy | MU | 98757654 | ######## | 1000.75 |
| A03 | Pramada | Jauguste | DA | 98757654 | ######## | 500 |
| A04 | Basu | Navindi | BA | 67987665 | ######## | 860 |
| A05 | Ravi | Shridhar | NA | 98757654 | ######## | 500.5 |
| A06 | Rukmini | Aiyer | GH | 23451346 | ######## | 1500.5 |

2. Display the structure of the table you have created.

use assin;

use customer;

describe customer;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| cust\_id | varchar(5) | NO | PRI |  |  |
| Fname | varchar(15) | NO |  |  |  |
| Lnamel | varchar(15) | NO |  |  |  |
| Area | char(2) | NO |  |  |  |
| Phone | int | YES |  |  |  |
| DOB | date | NO |  |  |  |
| Payment | decimal(6,2) | NO |  |  |  |

3. Display the data of the created table.

SELECT \* FROM assin.customer;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| A01 | Ivan | Ross | SA | 23451346 | 1986-01-15 | 800.50 |
| A02 | Vandana | Roy | MU | 98757654 | 1987-12-20 | 1000.75 |
| A03 | Pramada | Jauguste | DA | 98757654 | 1967-06-25 | 500.00 |
| A04 | Basu | Navindi | BA | 67987665 | 1956-02-26 | 860.00 |
| A05 | Ravi | Shridhar | NA | 98757654 | 1989-02-15 | 500.50 |
| A06 | Rukmini | Aiyer | GH | 23451346 | 1987-08-23 | 1500.50 |
|  |  |  |  |  |  |  |

4. Insert a row which will accept system date.

use assin;

use customer;

insert into customer values(now());

select \* from customer;

5. Display the data in the table.

select \* from customer;

6. Update the phone numbers of customer A02 and A04.

UPDATE `assin`.`customer` SET `Phone` = '98757653' WHERE (`cust\_id` = 'A02');

UPDATE `assin`.`customer` SET `Phone` = '67987664' WHERE (`cust\_id` = 'A04');

7. Update the date of birth of customer A03 and A05.

UPDATE `assin`.`customer` SET `DOB` = '1967-06-24' WHERE (`cust\_id` = 'A03');

UPDATE `assin`.`customer` SET `DOB` = '1989-02-16' WHERE (`cust\_id` = 'A05');

8. Display the updated table.

select \* from customer;

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| cust\_id | Fname | Lnamel | Area | Phone | DOB | Payment |
| A01 | Ivan | Ross | SA | 23451346 | ######## | 800.5 |
| A02 | Vandana | Roy | MU | 98757653 | ######## | 1000.75 |
| A03 | Pramada | Jauguste | DA | 98757654 | ######## | 500 |
| A04 | Basu | Navindi | BA | 67987664 | ######## | 860 |
| A05 | Ravi | Shridhar | NA | 98757654 | ######## | 500.5 |
| A06 | Rukmini | Aiyer | GH | 23451346 | ######## | 1500.5 |

9. Delete 2 rows from the table for customers A01 and A05

Delete from assin.cutomer where ‘cust\_id=A01’ and ‘cust\_id=A05’;

. 10. Delete all the rows from the table.

Delete from assin.cutomer;

11. Insert 5 records according to your own wish.

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A07', 'RAM', 'PATIL', 'AG', '23446623', '2000-01-06', '1200');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A08', 'RAM', 'PATIL', 'AG', '23446623', '2000-01-06', '1200');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A09', 'RAM', 'PATIL', 'AG', '23446623', '2000-01-06', '1200');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A10', 'RAM', 'PATIL', 'AG', '23446623', '2000-01-06', '1200');

INSERT INTO `assin`.`customer` (`cust\_id`, `Fname`, `Lnamel`, `Area`, `Phone`, `DOB`, `Payment`) VALUES ('A11', 'RAM', 'PATIL', 'AG', '23446623', '2000-01-06', '1200');

12. Update one record based on any criteria according to your own wish.

UPDATE `assin`.`customer` SET `Payment` = '80.8' WHERE (`cust\_id` = 'A01');

13. Delete any 1 record from the table based on particular criteria

Delete from assin.cutomer where ‘cust\_id=A11’;