

## SQL Question 64

CREATE TABLE Query:

```
CREATE TABLE events (  
    dt VARCHAR(19),  
    type VARCHAR(64)  
);
```

INSERT INTO Query:

```
INSERT INTO events (dt, type) VALUES  
( '2022-04-04 03:36:00', 'buy'),  
( '2022-04-21 07:05:09', 'buy'),  
( '2022-04-02 11:34:24', 'sell'),  
( '2022-05-27 16:12:50', 'buy'),  
( '2022-05-20 09:09:07', 'buy'),  
( '2022-05-22 09:06:37', 'buy'),  
( '2022-05-31 07:49:36', 'buy'),  
( '2022-05-14 22:29:10', 'sell'),  
( '2022-05-13 15:00:54', 'sell'),  
( '2022-05-24 15:40:54', 'sell'),  
( '2022-05-13 01:20:05', 'sell'),  
( '2022-05-16 07:07:44', 'sell'),  
( '2022-05-01 16:57:00', 'sell'),  
( '2022-06-02 09:42:02', 'buy'),
```

('2022-06-01 06:34:59', 'buy'),  
('2022-06-06 17:14:47', 'buy'),  
('2022-06-06 13:37:23', 'buy'),  
('2022-06-17 19:10:13', 'sell'),  
('2022-06-15 21:40:13', 'sell'),  
('2022-06-11 12:26:43', 'sell');

## SQL Question 65

CREATE TABLE Queries:

```
CREATE TABLE companies (  
    id SMALLINT,  
    name VARCHAR(255)  
);
```

```
CREATE TABLE campaigns (  
    company_id SMALLINT,  
    expenses DECIMAL(7,2),  
    revenue DECIMAL(7,2)  
);
```

INSERT INTO companies:

```
INSERT INTO companies (id, name) VALUES  
(1, 'Lion Biotechnologies, Inc.'),  
(2, 'Boston Private Financial Holdings, Inc.'),  
(3, 'Universal Corporation'),  
(4, 'Arbutus Biopharma Corporation'),  
(5, 'Royal Bank Of Canada'),  
(6, 'Penn West Petroleum Ltd'),  
(7, 'Public Storage'),  
(8, 'Halcon Resources Corporation'),
```

(9, 'TTM Technologies, Inc.'),  
(10, 'Atwood Oceanics, Inc.'),  
(11, 'ACADIA Pharmaceuticals Inc.'),  
(12, 'Central European Media Enterprises Ltd.'),  
(13, 'Oxbridge Re Holdings Limited'),  
(14, 'Western Refining Logistics, LP'),  
(15, 'Vaalco Energy Inc'),  
(16, 'Xilinx, Inc.'),  
(17, 'Liberty Global plc'),  
(18, 'Honda Motor Company, Ltd.'),  
(19, 'Great Plains Energy Inc'),  
(20, 'Assurant, Inc.');

INSERT INTO campaigns:

INSERT INTO campaigns (company\_id, expenses, revenue) VALUES

(1, 7390.24, 8652.18),  
(2, 5774.65, 7955.47),  
(3, 2154.71, 5920.23),  
(4, 9366.49, 3397.85),  
(5, 2765.18, 9158.63),  
(6, 7908.41, 5018.85),  
(7, 2251.44, 6654.52),  
(8, 3383.14, 9354.79),  
(9, 8287.96, 9522.53),  
(10, 4356.62, 4658.52),

(11, 9272.86, 9161.77),

(12, 4996.18, 5903.57),

(13, 8354.75, 2259.26),

(14, 6402.9, 8146.16),

(15, 1692.05, 686.71),

(16, 5988.48, 9089.41),

(17, 6192.33, 7580.19),

(18, 3016.37, 7761.25),

(19, 9838.05, 1293.09),

(20, 4386.52, 9513.73);

## SQL Question 66

CREATE TABLE Query:

```
CREATE TABLE clients (  
    mac VARCHAR(64),  
    upstream_rate INT,  
    downstream_rate INT,  
    downtime_rate VARCHAR(64)  
);
```

INSERT INTO clients:

```
INSERT INTO clients (mac, upstream_rate, downstream_rate, downtime_rate) VALUES  
(  
'78-C1-E5-2D-65-D1', 925526, 5195, 'never'),  
(  
'7B-E2-20-71-9C-30', 582152, 375829, 'never'),  
(  
'0D-09-F7-77-03-E5', 359529, 710743, 'never'),  
(  
'56-18-67-55-58-EA', 78626, 562544, 'once'),  
(  
'C9-73-EC-15-4C-87', 574927, 669655, 'yearly'),  
(  
'02-35-3F-7B-CC-76', 430072, 296196, 'seldom'),  
(  
'3D-95-33-8A-65-F9', 894176, 489401, 'monthly'),  
(  
'8D-33-3F-0E-04-D5', 897666, 297063, 'weekly'),  
(  
'0E-0A-63-B9-79-3E', 69133, 984354, 'seldom'),  
(  
'15-03-2A-DD-02-A4', 19203, 995983, 'seldom'),  
(  
'8D-42-B1-97-AB-87', 476648, 177677, 'monthly'),  
(  
'6B-64-00-47-16-D3', 700056, 374321, 'monthly'),
```

('FD-61-81-00-BF-EC', 216401, 498229, 'yearly'),  
('95-46-C6-C7-6F-E0', 236331, 341013, 'monthly'),  
('11-0E-62-32-62-5E', 694746, 451525, 'daily'),  
('D6-5B-72-D5-FF-4F', 2931, 992852, 'monthly'),  
('66-B8-AF-2D-F2-E5-45', 861075, 44216, 'monthly'),  
('E5-C9-67-AB-2E-48', 639487, 968494, 'daily'),  
('18-56-3A-93-8E-9F', 494945, 259910, 'weekly'),  
('51-EB-D7-22-45-99', 219419, 326479, 'often');

## SQL Question 67

CREATE TABLE Queries:

```
CREATE TABLE owners (  
    id SMALLINT,  
    full_name VARCHAR(255),  
    email_address VARCHAR(255),  
    on_vacation SMALLINT  
);
```

```
CREATE TABLE events (  
    owner_id SMALLINT,  
    dt VARCHAR(19),  
    title VARCHAR(255)  
);
```

INSERT INTO owners:

```
INSERT INTO owners (id, full_name, email_address, on_vacation) VALUES  
(2, 'Aleksandr Fellows', 'afellows1@instagram.com', 0),  
(3, 'Collete Pack', 'cpack2@mit.edu', 0),  
(4, 'Lorelle Squibb', 'lsquibb3@huffingtonpost.com', 0),  
(1, 'Benjamin Sevier', 'bsevier0@discuz.net', 1),  
(5, 'Cointon Welberry', 'cwelberry4@theguardian.com', 1);
```



INSERT INTO events:

INSERT INTO events (owner\_id, dt, title) VALUES

(1, '2021-08-03 09:17:41', 'ac consequat metus sapien ut'),  
(1, '2021-10-26 16:14:28', 'a libero nam'),  
(1, '2022-05-18 16:09:36', 'vestibulum ante ipsum primis in faucibus'),  
(1, '2022-06-04 20:37:36', 'nisi volutpat eleifend donec'),  
(2, '2021-01-17 23:34:59', 'eu mi nulla ac'),  
(2, '2021-01-26 15:59:04', 'nisl venenatis lacinia'),  
(2, '2021-04-25 05:04:29', 'arcu adipiscing molestie hendrerit'),  
(2, '2022-02-22 10:42:50', 'lectus vestibulum quam sapien varius'),  
(3, '2022-05-23 00:34:23', 'pellentesque quisque porta volutpat erat'),  
(3, '2021-03-11 08:25:21', 'felis sed interdum venenatis'),  
(3, '2022-02-15 07:29:45', 'nulla sed accumsan felis ut'),  
(3, '2022-02-28 16:10:55', 'cras mi pede malesuada in imperdiet et'),  
(4, '2021-05-20 23:35:11', 'odio in hac habitasse platea dictumst'),  
(4, '2021-09-01 09:25:41', 'sagittis nam congue risus semper'),  
(4, '2022-02-04 03:11:53', 'luctus cum sociis natoque penatibus et magnis'),  
(4, '2022-06-18 08:39:41', 'nec molestie sed justo pellentesque'),  
(5, '2021-04-04 13:39:38', 'id massa id nisl venenatis lacinia aenean'),  
(5, '2021-10-18 19:04:14', 'adipiscing lorem vitae mattis'),  
(5, '2021-10-19 00:56:11', 'vestibulum eget vulputate ut ultrices vel augue'),  
(5, '2022-04-26 18:55:04', 'at dolor quis');

## SQL Question 68

CREATE TABLE Queries:

```
CREATE TABLE clients (  
    id SMALLINT,  
    mac VARCHAR(64)  
);
```

```
CREATE TABLE traffic (  
    client_id SMALLINT,  
    amount INT  
);
```

INSERT INTO clients:

```
INSERT INTO clients (id, mac) VALUES  
(1, 'E5-A3-AC-8A-20-F9'),  
(2, '3B-2F-83-25-A8-81'),  
(3, '3A-4E-A6-43-1D-B1'),  
(4, 'B7-03-14-91-8F-58'),  
(5, '63-1A-FD-9A-AF-6F'),  
(6, 'D6-B8-F1-1D-34-04'),  
(7, '3B-83-E5-F8-C8-DC'),  
(8, 'E9-F6-89-7F-8D-34'),  
(9, '82-2E-B3-67-04-41'),
```

(10, 'D1-9D-DE-37-A0-49'),  
(11, '8A-46-F4-83-29-13'),  
(12, '4C-1F-78-C7-0E-7E'),  
(13, '72-57-E6-CA-2C-91'),  
(14, '57-F7-E7-E7-45-36'),  
(15, '05-8A-05-1D-20-20'),  
(16, '46-06-F1-B9-65-7C'),  
(17, '0A-E0-26-9D-2A-27'),  
(18, 'B0-6F-99-13-86-9B'),  
(19, 'DD-81-BF-53-BD-9B'),  
(20, '50-53-64-8E-42-BE');

INSERT INTO traffic:

INSERT INTO traffic (client\_id, amount) VALUES

(3, 6385047),  
(8, 6490817),  
(14, 9109219),  
(16, 5558512),  
(17, 1870152),  
(17, 8228920),  
(18, 326127),  
(18, 5429741),  
(18, 4063477),  
(19, 7411789),  
(20, 5832337),

(20, 1426585),

(23, 1097368),

(23, 6769594),

(23, 802387),

(24, 5959513),

(24, 1300408),

(24, 4631624),

(28, 1629306),

(29, 2814818);

## SQL Question 69

CREATE TABLE Queries:

```
CREATE TABLE wallets (  
    id SMALLINT,  
    address VARCHAR(64)  
);
```

```
CREATE TABLE transactions (  
    wallet_id SMALLINT,  
    credit DECIMAL(4,2)  
);
```

INSERT INTO wallets:

```
INSERT INTO wallets (id, address) VALUES  
(1, '0x1ecc4cef6de6dfb77352a2dcdb85f518ccd24ff4'),  
(2, '0xf4487168610dcae7f16b6c000a7ba284bb6703c'),  
(3, '0x54c5c16b5c6013aef6dea18db966186274879e6'),  
(4, '0x50c404a6790d44849c3500d95f147d2102db5f77'),  
(5, '0x41cc32037fdc6cc6bf5cb04ade438032a84631ac'),  
(6, '0x83ca2076b2c3a0a17c096ccab5d3fcbb645336'),  
(7, '0x923c6ee4debcec63c7152eb90e9b26fc9bbfc3e1'),  
(8, '0x76cbfb67e1765117a98fd2286bdcbbc731b0d29ec'),  
(9, '0xf44f43df8936543440dbeb5e53445d3400d218'),
```

(10, '0x104ba23f985eda6b39786478cb70bf0b233a6'),  
(11, '0x106dc8523945d580c11ac006087a978ec78c'),  
(12, '0x541da74b9fb422385a6156236bacce7429ba61'),  
(13, '0xd86fde862ad23a53ee2e64b3db182ad83660116a'),  
(14, '0x60b21b21b779aec27009f81bd68d227685d547f'),  
(15, '0x7079ef49bb7211d99040db48cb5138d195d9577'),  
(16, '0x4672e132b96727c0b65e7af31bb5febc93bf1b7c'),  
(17, '0x17c820d31b9df58f500e09b5f1ac648af0cb966'),  
(18, '0x3f80318ca95072ef5b23f067296a418ad355c'),  
(19, '0x131cb1923fce17a423001942ae18192ae7');

INSERT INTO transactions:

INSERT INTO transactions (wallet\_id, credit) VALUES

(3, 5.21),  
(6, 24.04),  
(8, 29.66),  
(10, 1.67),  
(10, 3.32),  
(10, 4.27),  
(14, 3.32),  
(14, 3.35),  
(15, 14.34),  
(16, 11.94),  
(20, 13.86),  
(20, 16.54),

(21, 11.64),

(25, 12.86),

(26, 8.77),

(26, 12.36),

(27, 29.65),

(28, 3.0),

(28, 13.26),

(28, 2.85);

## SQL Question 70

CREATE TABLE Queries:

```
CREATE TABLE animals (  
    id SMALLINT,  
    name VARCHAR(64)  
);
```

```
CREATE TABLE tracklog (  
    animal_id SMALLINT,  
    tracked_at VARCHAR(19)  
);
```

INSERT INTO animals:

```
INSERT INTO animals (id, name) VALUES  
(1, 'Blue and yellow macaw'),  
(2, 'Jungle kangaroo'),  
(3, 'Stork, woolly-necked'),  
(4, 'North American river otter'),  
(5, 'Square-lipped rhinoceros'),  
(6, 'Black-fronted bulbul'),  
(7, 'American beaver'),  
(8, 'Capybara'),  
(9, 'Black-backed jackal'),
```



(10, 'Dragon, ornate rock'),  
(11, 'Wombat, southern hairy-nosed'),  
(12, 'Snake, carpet'),  
(13, 'Egyptian cobra'),  
(14, 'Green heron'),  
(15, 'Indian star tortoise'),  
(16, 'Roan antelope'),  
(17, 'Rhea, common'),  
(18, 'Fairy penguin'),  
(19, 'Black-eyed bulbul'),  
(20, 'Starling, cape');

INSERT INTO tracklog:

INSERT INTO tracklog (animal\_id, tracked\_at) VALUES

(2, '2021-07-08 12:30:34'),  
(5, '2021-09-15 03:00:04'),  
(8, '2021-12-14 11:20:50'),  
(9, '2021-05-15 14:54:15'),  
(11, '2021-07-03 17:04:14'),  
(11, '2021-02-23 09:02:11'),  
(15, '2021-11-02 22:49:37'),  
(15, '2021-07-31 04:51:25'),  
(15, '2021-06-06 14:57:23'),  
(19, '2021-03-25 02:00:31'),  
(19, '2021-04-21 22:02:51'),

(19, '2021-07-17 17:12:35'),  
(21, '2021-05-06 03:35:59'),  
(22, '2021-09-21 22:49:36'),  
(22, '2021-04-04 00:26:29'),  
(24, '2021-12-27 08:19:52'),  
(26, '2021-05-14 07:30:11'),  
(28, '2021-06-08 00:47:00'),  
(28, '2021-04-24 00:42:31'),  
(30, '2021-05-06 21:03:03');

## SQL Question 71

CREATE TABLE Queries:

```
CREATE TABLE customers (  
    id INT,  
    customer_name VARCHAR(30)  
);
```

```
CREATE TABLE orders (  
    order_id INT,  
    customer_id INT,  
    order_type VARCHAR(5),  
    order_amount DECIMAL(18,2)  
);
```

INSERT INTO customers:

```
INSERT INTO customers (id, customer_name) VALUES  
(401, 'Hubert Keesler'),  
(402, 'Devin Vert'),  
(403, 'Lashawna Bowerman'),  
(404, 'Brigid Wellborn'),  
(405, 'Josefine Perl');
```

INSERT INTO orders:

```
INSERT INTO orders (order_id, customer_id, order_type, order_amount) VALUES  
  
(4361, 401, 'Sell', 912.77),  
  
(3478, 405, 'Sell', 741.69),  
  
(7292, 405, 'Sell', 436.05),  
  
(5833, 405, 'Sell', 231.3),  
  
(3472, 402, 'Buy', 950.92),  
  
(4472, 401, 'Sell', 367.7),  
  
(2624, 404, 'Buy', 218.15),  
  
(7198, 405, 'Buy', 797.29),  
  
(7660, 403, 'Buy', 131.18),  
  
(5192, 401, 'Buy', 362.44),  
  
(5260, 402, 'Buy', 636.26),  
  
(2726, 403, 'Sell', 138.15),  
  
(6594, 401, 'Buy', 234.51),  
  
(4657, 404, 'Buy', 427.3),  
  
(9744, 402, 'Sell', 623.36);
```

## SQL Question 72

CREATE TABLE Queries:

```
CREATE TABLE credit_holders (  
    id INT,  
    first_name VARCHAR(15),  
    last_name VARCHAR(15),  
    interest_rate INT  
);
```

```
CREATE TABLE transactions (  
    transaction_id INT,  
    credit_holder_id INT,  
    amount DECIMAL(18,2)  
);
```

INSERT INTO credit\_holders:

```
INSERT INTO credit_holders (id, first_name, last_name, interest_rate) VALUES  
(101, 'Clemencia', 'Hutsell', 12),  
(102, 'Susannah', 'Ismail', 18),  
(103, 'Sixta', 'Hagy', 18),  
(104, 'Otto', 'Izquierdo', 18),  
(105, 'Anita', 'Degroot', 15);
```

INSERT INTO transactions:

INSERT INTO transactions (transaction\_id, credit\_holder\_id, amount) VALUES

(4361, 101, 65.22),

(3478, 104, 51.85),

(7292, 104, 64.6),

(5833, 105, 72.15),

(3472, 102, 96.28),

(4472, 101, 80.06),

(2624, 101, 85.27),

(7198, 104, 23.73),

(7660, 103, 81.86),

(5192, 101, 69.64),

(5260, 101, 71.72),

(2726, 102, 57.66),

(6594, 103, 23.23),

(4657, 101, 81.68),

(9744, 104, 99.57),

(2054, 103, 51.13),

(7156, 105, 12.78),

(3273, 105, 36.15),

(9756, 101, 45.41),

(9702, 105, 69.75);

## SQL Question 73

CREATE TABLE Query:

```
CREATE TABLE accounts (  
    id INT,  
    account_holder VARCHAR(30),  
    amount VARCHAR(10)  
);
```

INSERT INTO accounts:

```
INSERT INTO accounts (id, account_holder, amount) VALUES  
(1, 'Ellis Beane', '$5582.03'),  
(2, 'Drew Nolf', '$2470.3'),  
(3, 'Jordan Chatmon', '$6211.52'),  
(4, 'Robin Hansard', '$8133.31'),  
(5, 'Spencer Days', '$5273.81'),  
(6, 'Morgan Criss', '$3741.85'),  
(7, 'Wesley Waugh', '$7066.14'),  
(8, 'Alex Canty', '$2590.45'),  
(9, 'Blake Hawbaker', '$3987.27'),  
(10, 'Taylor Blackston', '$8351.98');
```

Query to generate interest OUTPUT:

SELECT

account\_holder,

ROUND(CAST(REPLACE(amount, '\$', '') AS DECIMAL(10,2)) \* 0.05, 2) AS interest

FROM accounts;



## SQL Question 74

CREATE TABLE Query:

```
CREATE TABLE transactions (  
    transaction_id VARCHAR(10),  
    amount DECIMAL(18,2)  
);
```

INSERT INTO transactions:

```
INSERT INTO transactions (transaction_id, amount) VALUES  
( '195PE2187', 785.72),  
( '19OCT4361', 752.64),  
( '19APR3478', 197.92),  
( '195PR2792', 910.26),  
( '21MAR5833', 344.7),  
( '20MAR3472', 939.61),  
( '20DEC4472', 154.98),  
( '20DEC2624', 935.44),  
( '21JUN7198', 309.81),  
( '21JUN7660', 528.1),  
( '20MAR5192', 995.22),  
( '19OCT5260', 861.11),  
( '21JUN2726', 611.94),  
( '19OCT6594', 478.54),
```

('19APR4657', 183.2);

## SQL Question 75

CREATE TABLE Query:

CREATE TABLE results (

id INT,

first\_name VARCHAR(20),

last\_name VARCHAR(20),

cgpa\_first\_year FLOAT,

cgpa\_second\_year FLOAT,

cgpa\_third\_year FLOAT,

cgpa\_fourth\_year FLOAT

);

INSERT INTO results:

INSERT INTO results (id, first\_name, last\_name, cgpa\_first\_year, cgpa\_second\_year, cgpa\_third\_year, cgpa\_fourth\_year) VALUES

(1, 'Pearlene', 'Beane', 7.0, 5.1, 8.4, 8.9),

(2, 'Franklin', 'Nolf', 7.7, 7.2, 5.2, 8.3),

(3, 'Bell', 'Chatmon', 7.3, 8.4, 8.9, 10.0),

(4, 'Belva', 'Hansard', 6.2, 9.2, 5.8, 6.7),

(5, 'Missy', 'Days', 8.3, 10.0, 7.3, 6.7),

(6, 'Vincentia', 'Criss', 5.4, 9.5, 6.1, 9.0),

(7, 'Anelle', 'Waugh', 6.5, 7.9, 9.6, 9.3),

(8, 'Darby', 'Canty', 5.5, 8.0, 8.6, 5.9),

(9, 'Kia', 'Hawbaker', 5.7, 6.4, 5.2, 6.8),  
(10, 'Alease', 'Blackston', 5.3, 7.5, 9.3, 6.0);

## SQL Question 76

CREATE TABLE Query:

```
CREATE TABLE funds (  
    id INT,  
    order_date DATE,  
    fund_name VARCHAR(50),  
    order_amount INT  
);
```

INSERT INTO funds:

```
INSERT INTO funds (id, order_date, fund_name, order_amount) VALUES  
(1, '2021-09-05', 'Mid-Cap', 151),  
(2, '2020-11-27', 'Small-Cap', 784),  
(3, '2020-11-12', 'Multi-Cap', 761),  
(4, '2020-02-26', 'Large-Cap', 778),  
(5, '2020-01-06', 'Mid-Cap', 949),  
(6, '2020-02-17', 'Large-Cap', 392),  
(7, '2020-02-07', 'Mid-Cap', 602),  
(8, '2020-06-01', 'Mid-Cap', 529),  
(9, '2020-08-05', 'Large-Cap', 258),  
(10, '2020-02-23', 'Mid-Cap', 739),  
(11, '2020-02-14', 'Large-Cap', 563),  
(12, '2021-09-29', 'Small-Cap', 817),
```

(13, '2020-05-11', 'Large-Cap', 121),  
(14, '2021-09-18', 'Mid-Cap', 341),  
(15, '2021-09-07', 'Large-Cap', 260),  
(16, '2021-10-11', 'Small-Cap', 102),  
(17, '2020-06-04', 'Mid-Cap', 496),  
(18, '2021-07-26', 'Multi-Cap', 321),  
(19, '2020-04-11', 'Small-Cap', 323),  
(20, '2020-09-14', 'Multi-Cap', 938),  
(21, '2020-08-16', 'Small-Cap', 668),  
(22, '2021-03-08', 'Small-Cap', 733),  
(23, '2021-04-07', 'Small-Cap', 597),  
(24, '2021-03-11', 'Small-Cap', 767),  
(25, '2021-11-14', 'Small-Cap', 489);

## SQL Question 77

CREATE TABLE Query:

```
CREATE TABLE traffic (
```

```
    client VARCHAR(17),
```

```
    protocol VARCHAR(40),
```

```
    traffic_in INT,
```

```
    traffic_out INT
```

```
);
```

INSERT INTO traffic:

```
INSERT INTO traffic (client, protocol, traffic_in, traffic_out) VALUES
```

```
('02-E1-80-76-EC-4B', 'BGP', 0, 234737),
```

```
('43-15-AA-26-0F-A4', 'BGP', 402860, 605655),
```

```
('90-E7-80-14-7E-8C', 'BGP', 940772, 981197),
```

```
('FB-60-23-C1-5E-D6', 'DNS', 341155, 356569),
```

```
('4D-6D-77-47-6C-10', 'FTP', 8346, 413322),
```

```
('09-82-96-64-C4-21', 'FTP', 210656, 470568),
```

```
('B1-6A-25-71-AC-2A', 'FTP', 819907, 161083),
```

```
('0C-6A-62-0B-A9-F5', 'HTTP', 918793, 550403),
```

```
('A4-6C-52-10-9E-9C', 'HTTPS', 520865, 15887),
```

```
('95-88-7D-70-6A-E2', 'POP', 150880, 423073),
```

```
('CB-91-B2-35-95-95', 'POP', 826249, 979544),
```

```
('14-FD-21-6E-5C-57', 'SMTP', 193989, 280646),
```

('70-E1-2D-B1-82-98', 'SMTP', 163996, 450401),  
('C6-F1-59-9F-5D-BE', 'SMTP', 271295, 878246),  
('62-01-C7-AD-32-A7', 'SMTP', 389393, 81625),  
('41-80-08-93-0A-13', 'SMTP', 752842, 253981),  
('53-70-17-5F-35-4A', 'SSH', 496717, 599280),  
('52-F2-68-75-12-0A', 'SSH', 635234, 18728),  
('87-66-63-9B-55-98', 'UDP', 878659, 382011),  
('CE-F9-63-F3-59-85', 'UDP', 903443, 120298);



## SQL Question 78

CREATE TABLE Queries:

```
CREATE TABLE customers (  
    id SMALLINT,  
    first_name VARCHAR(64),  
    last_name VARCHAR(64)  
);
```

```
CREATE TABLE campaigns (  
    id SMALLINT,  
    customer_id SMALLINT,  
    name VARCHAR(64)  
);
```

```
CREATE TABLE events (  
    dt VARCHAR(19),  
    campaign_id SMALLINT,  
    status VARCHAR(64)  
);
```

INSERT INTO customers:

```
INSERT INTO customers (id, first_name, last_name) VALUES  
(1, 'Whitney', 'Ferrero'),
```

(2, 'Dickie', 'Romera');

INSERT INTO campaigns:

INSERT INTO campaigns (id, customer\_id, name) VALUES

(1, 1, 'Upton Group'),

(2, 1, 'Roob, Hudson and Rippin'),

(3, 1, 'McCullough, Rempel and Larson'),

(4, 1, 'Lang and Sons'),

(5, 2, 'Ruecker, Hand and Haley');

INSERT INTO events:

INSERT INTO events (dt, campaign\_id, status) VALUES

('2021-12-02 13:52:00', 1, 'failure'),

('2021-12-02 08:17:48', 2, 'failure'),

('2021-12-02 08:18:17', 2, 'failure'),

('2021-12-01 11:55:32', 3, 'failure'),

('2021-12-01 06:53:16', 4, 'failure'),

('2021-12-02 04:51:09', 5, 'failure'),

('2021-12-01 06:34:04', 5, 'failure'),

('2021-12-02 03:21:18', 5, 'failure'),

('2021-12-01 03:18:24', 5, 'failure'),

('2021-12-02 13:52:37', 1, 'success'),

('2021-12-01 04:23:20', 1, 'success'),

('2021-12-02 05:53:24', 2, 'success'),

('2021-12-02 08:01:02', 2, 'success'),  
('2021-12-01 15:17:19', 3, 'success'),  
('2021-12-02 16:14:34', 3, 'success'),  
('2021-12-02 05:16:38', 4, 'success'),  
('2021-12-01 16:53:34', 4, 'success'),  
('2021-12-02 17:56:45', 5, 'success'),  
('2021-12-01 15:56:50', 5, 'success'),  
('2021-12-02 06:08:20', 5, 'success');

## SQL Question 79

CREATE TABLE Queries:

```
CREATE TABLE candidates (  
    id SMALLINT,  
    first_name VARCHAR(64),  
    last_name VARCHAR(64)  
);
```

```
CREATE TABLE results (  
    candidate_id SMALLINT,  
    vote_at VARCHAR(19)  
);
```

INSERT INTO candidates:

```
INSERT INTO candidates (id, first_name, last_name) VALUES  
(1, 'Xavier', 'Ping'),  
(2, 'Westley', 'Drewell'),  
(3, 'Dominick', 'Scoble');
```

INSERT INTO results:

```
INSERT INTO results (candidate_id, vote_at) VALUES  
(0, '2021-12-01 14:15:52'),
```

(1, '2021-12-01 03:55:23'),  
(1, '2021-12-01 21:53:26'),  
(1, '2021-12-02 07:57:40'),  
(1, '2021-12-02 13:56:06'),  
(1, '2021-12-01 11:46:40'),  
(2, '2021-12-01 14:56:05'),  
(2, '2021-12-01 21:54:50'),  
(2, '2021-12-02 00:43:18'),  
(2, '2021-12-02 06:59:33'),  
(2, '2021-12-02 08:36:35'),  
(2, '2021-12-02 10:20:13'),  
(2, '2021-12-02 14:02:38'),  
(3, '2021-12-01 05:18:34'),  
(3, '2021-12-02 03:55:37'),  
(3, '2021-12-02 05:30:24'),  
(3, '2021-12-02 08:32:06'),  
(3, '2021-12-02 05:05:55'),  
(5, '2021-12-02 15:55:00'),  
(5, '2021-12-02 20:45:08');

## SQL Question 80

CREATE TABLE Query:

```
CREATE TABLE events (  
    dt VARCHAR(19),  
    customer VARCHAR(64),  
    amount DECIMAL(5,2)  
);
```

INSERT INTO events:

```
INSERT INTO events (dt, customer, amount) VALUES  
(  
'2021-11-22 06:41:01', 'Donaugh Furneux', 0.89),  
(  
'2021-12-22 20:07:04', 'Donaugh Furneux', 10.51),  
(  
'2021-12-31 05:21:11', 'Donaugh Furneux', 5.92),  
(  
'2021-12-12 21:26:42', 'Harley Lyddiard', 37.68),  
(  
'2021-11-22 21:24:30', 'Kippy Jelly', 85.87),  
(  
'2021-11-25 07:00:29', 'Kippy Jelly', 7.25),  
(  
'2021-12-16 16:48:32', 'Kippy Jelly', 65.49),  
(  
'2021-11-22 23:30:55', 'Latrina Jackman', 93.49),  
(  
'2021-11-24 19:38:52', 'Latrina Jackman', 82.28),  
(  
'2021-11-30 22:59:33', 'Latrina Jackman', 96.87),  
(  
'2021-12-30 13:05:34', 'Latrina Jackman', 88.19),  
(  
'2021-11-22 02:08:02', 'Maribel Braim', 20.19),  
(  
'2021-12-13 01:45:58', 'Maribel Braim', 97.99),
```

('2021-12-16 13:22:20', 'Maribel Braim', 57.06),  
( '2021-12-29 00:20:07', 'Maribel Braim', 24.35),  
( '2021-11-25 14:29:29', 'Orrin Curley', 6.69),  
( '2021-12-08 06:22:16', 'Orrin Curley', 36.85),  
( '2021-12-29 15:32:16', 'Orrin Curley', 11.04),  
( '2021-11-28 00:15:20', 'Rasla Venny', 14.59),  
( '2021-12-25 09:58:23', 'Rasla Venny', 6.41);

## SQL Question 81

CREATE TABLE Query:

```
CREATE TABLE marks (  
    student_id INTEGER,  
    marks INTEGER  
);
```

INSERT INTO marks:

```
INSERT INTO marks (student_id, marks) VALUES  
(1, 450),  
(2, 200),  
(3, 260),  
(2, 300),  
(3, 250);
```



## SQL Question 82

CREATE TABLE Queries:

```
CREATE TABLE families (  
    id STRING,  
    name STRING,  
    family_size INTEGER  
);
```

```
CREATE TABLE countries (  
    id STRING,  
    name STRING,  
    min_size INTEGER  
);
```

INSERT INTO families:

```
INSERT INTO families (id, name, family_size) VALUES  
( 'c00adc11bde74750b4d2709c182a85af', 'Alex Thomas', 9),  
( 'eb6f2d3426694675ae79dc47114a481', 'Chris Gray', 2);
```

INSERT INTO countries:

```
INSERT INTO countries (id, name, min_size) VALUES  
( '023fd23615b44f74ba2e013ae7efec9', 'Bolivia', 2),
```

('be2f773df0ce48db210367c2b9cf419b', 'Cook Islands', 3),

('3e85a80a8ef44b798b92fb0cc543b3', 'Brazil', 4);

## SQL Question 83

CREATE TABLE Queries:

```
CREATE TABLE friends (  
    id INTEGER,  
    name STRING,  
    activity STRING  
);
```

```
CREATE TABLE activities (  
    id INTEGER,  
    name STRING  
);
```

INSERT INTO friends:

```
INSERT INTO friends (id, name, activity) VALUES  
(1, 'James Smith', 'Horse Riding'),  
(2, 'Eric Jenkins', 'Eating'),  
(3, 'Sean Cox', 'Eating'),  
(4, 'Eric Schmidt', 'Horse Riding'),  
(5, 'Chris Evans', 'Eating'),  
(6, 'Jessica Breeds', 'Playing');
```

INSERT INTO activities:

```
INSERT INTO activities (id, name) VALUES
```

```
(1, 'Horse Riding'),
```

```
(2, 'Eating'),
```

```
(3, 'Playing');
```

## SQL Question 84

CREATE TABLE Query:

```
CREATE TABLE customers (  
    id INTEGER PRIMARY KEY,  
    name VARCHAR(50),  
    phone VARCHAR(20),  
    visited_on DATE,  
    amount INTEGER  
);
```

INSERT INTO customers:

```
INSERT INTO customers (id, name, phone, visited_on, amount) VALUES  
(1, 'Julia', '1234567890', '2015-05-01', 100),  
(2, 'Samantha', '1234567890', '2015-05-02', 200),  
(3, 'Julia-Samantha', '1234567890', '2015-05-03', 300);
```

## SQL Question 85

CREATE TABLE Queries:

```
CREATE TABLE student (  
    id INTEGER PRIMARY KEY,  
    name STRING  
);
```

```
CREATE TABLE examination (  
    student_id INTEGER,  
    subject STRING  
);
```

INSERT INTO student:

```
INSERT INTO student (id, name) VALUES  
(1, 'Taylor'),  
(2, 'Wesley'),  
(3, 'Jordan'),  
(4, 'Robin'),  
(5, 'Alex');
```

INSERT INTO examination:

```
INSERT INTO examination (student_id, subject) VALUES
```

(1, 'Biology'),

(2, 'Physics'),

(3, 'History'),

(4, 'Geography'),

(4, 'Geography');