

```
create database QuanLyTuor;
use QuanLyTuor;

create table destination
(
    id      int auto_increment primary key,
    name     varchar(255) not null,
    description varchar(255) not null,
    avgPrice double      not null,
    city_id  int,
    foreign key (city_id) references City (id)
);

create table client
(
    id      int auto_increment primary key,
    name     varchar(255) not null,
    IdNumber varchar(30) not null unique,
    YearOfBirth datetime  not null,
    city_id  int,
    foreign key (city_id) references City (id)
);

create table City
(
    id int auto_increment primary key,
    name varchar(225) not null
);

create table Tour
(
    id      int auto_increment primary key,
    tourCode int not null,
    typeTour_id int,
    price    double,
    startDay datetime,
    endDay   datetime,
    foreign key (typeTour_id) references TypeTuor (id)
);

create table TypeTuor
```

```
(
    id    int auto_increment primary key,
    typeCode int,
    nameType varchar(50)
);

create table TourBookingBill
(
    id    int auto_increment primary key,
    tuor_id int,
    client_id int,
    status varchar(30),
    foreign key (tuor_id) references TypeTuor (id),
    foreign key (client_id) references client (id)
);

insert into destination (id, name, description, avgPrice, city_id) VALUE
    (null, 'Quoc Tu Giam', 'A', 1000, 1),
    (null, 'Chua Mot Cot', 'B', 1000, 1),
    (null, 'Chua But Thap', 'C', 1000, 2),
    (null, 'Vinh Ha Long', 'A', 1000, 3),
    (null, 'Cat Ba', 'A', 1000, 4);

insert into client (id, name, IdNumber, YearOfBirth, city_id) VALUE
    (null, 'Nguyen Van A', '12340', '2002-2-2', 1),
    (null, 'Nguyen Van B', '12345', '2002-3-2', 1),
    (null, 'Nguyen Van C', '12346', '2002-4-2', 5),
    (null, 'Nguyen Van D', '12347', '2002-5-2', 2),
    (null, 'Nguyen Van E', '12348', '2002-6-2', 2),
    (null, 'Nguyen Van F', '12349', '2002-7-2', 3),
    (null, 'Nguyen Van G', '12341', '2002-8-2', 3),
    (null, 'Nguyen Van H', '12342', '2002-9-2', 4),
    (null, 'Nguyen Van M', '12343', '2002-10-2', 4),
    (null, 'Nguyen Van N', '12323', '2002-11-2', 5);

insert into City (id, name) VALUE
    (null, 'HA NOI'),
    (null, 'BAC NINH'),
    (null, 'QUANG NINH'),
    (null, 'HAI PHONG'),
```

```
(null, 'HO CHI MINH');
```

```
insert into TypeTuor (id, typeCode, nameType) VALUE
```

```
(null, 1, 'A'),  
(null, 2, 'B'),  
(null, 3, 'C'),  
(null, 4, 'D'),  
(null, 5, 'E');
```

```
insert into Tour (id, tourCode, typeTour_id, price, startDay, endDay) VALUE
```

```
(null, 1, 1, 1000, '2024-12-12', '2025-1-4'),  
(null, 2, 2, 1000, '2023-12-12', '2024-1-4'),  
(null, 3, 3, 1000, '2022-12-12', '2023-1-4'),  
(null, 4, 4, 1000, '2021-12-12', '2022-1-4'),  
(null, 5, 5, 1000, '2020-12-12', '2021-1-4');
```

```
insert into TourBookingBill (id, tuor_id, client_id, status) VALUE
```

```
(null, 1, 21, 'true'),  
(null, 2, 22, 'false'),  
(null, 3, 23, 'true'),  
(null, 4, 24, 'false'),  
(null, 5, 25, 'true'),  
(null, 1, 26, 'false'),  
(null, 2, 27, 'true'),  
(null, 3, 28, 'false'),  
(null, 4, 29, 'true'),  
(null, 5, 30, 'false');
```

```
select C2.name, count(t.id) as 'SO LUONG TOUR'
```

```
from Tour t
```

```
    join TourBookingBill TBB on TBB.tuor_id = t.id
```

```
    join client c on c.id = TBB.client_id
```

```
    join City C2 on C2.id = c.city_id
```

```
group by C2.name;
```

```
select * from Tour where month(startDay) = 3 and year(startDay) = 2020;
```

```
select * from Tour where month(endDay) = 4 and year(endDay) = 2020;
```

