

/* Task 1. :-> Create a SQL database containing data related to the case number, primary crime category,
crime description, crime location, and arrest status using the dataset */

USE crime_us;

```
SELECT ID,  
       `Case Number`,  
       `Primary Type`,  
       Description,  
       Arrest,  
       Location  
FROM crime_us;
```

/* Task 2:-> Make a database in SQL where theft costs more than \$500. */

```
SELECT* FROM crime_us  
WHERE Description = 'OVER $500';
```

/* Task 3 :-> Determine the overall number of cases for each major category of crime. */

```
SELECT count(*)  
FROM crime_us;
```

```
SELECT `Primary Type`, COUNT(`Primary Type`)  
FROM crime_us  
group by `Primary Type`  
order by count(`Primary Type`);
```

/* Task 4:-> Apply 1NF normalization to the dataset provided */

```
select cast(new_datetime as date) date_, cast(new_datetime as time) time_  
from (select Date,  
Coalesce(str_to_date(Date, '%m-%d-%Y %T'), str_to_date(Date, '%m/%d/%Y %T')) as new_datetime  
From crime_us)d ;
```