

question 1: list out all offender information with the crime they committed

```
select name, SSN, age, gender, type, crimedate, severelevel
-> from person join crime
-> on person.id = crime.offenderID
-> ;
```

```
[mysql> select name, SSN, age, gender, type, crimedate, severelevel
[   -> from person join crime
[   -> on person.id = crime.offenderID
[   -> ;
```

| name | SSN | age | gender | type | crimedate | severelevel |
|----------------|-------------|-----|--------|---------------------|------------|-------------|
| Billy Barajas | 201-992-200 | 20 | M | violent crime | 2017-05-06 | 2 |
| Levi Voss | 201-992-201 | 21 | F | homicide | 2007-07-09 | 4 |
| Kalli Clawson | 201-992-202 | 22 | F | rape | 2005-08-11 | 5 |
| Evelyn Lawless | 201-992-203 | 23 | M | robbery | 2008-05-09 | 2 |
| Agustin Mojica | 201-992-204 | 24 | M | aggravated assault | 2006-11-06 | 8 |
| Lexy Calhoun | 201-992-205 | 25 | F | property crime | 2009-10-04 | 6 |
| Joshua Broyles | 201-992-206 | 26 | M | burglary | 2010-04-23 | 5 |
| Aislinn Unger | 201-992-207 | 27 | M | larceny | 2011-03-26 | 5 |
| Drew Moe | 201-992-208 | 28 | F | motor vehicle theft | 2012-05-16 | 5 |
| Monica An | 203-434-345 | 36 | F | caveats | 2013-01-28 | 4 |

```
10 rows in set (0.00 sec)
```

question 2: show all femail victims along with case involved

```
mysql> select name, SSN, age, gender, type
-> from person join crime
-> on person.id = crime.victimID
-> where gender = 'F';
```

```
[mysql> select name, SSN, age, gender, type
[   -> from person join crime
[   -> on person.id = crime.victimID
[   -> where gender = 'F';
```

| name | SSN | age | gender | type |
|---------------|-------------|-----|--------|---------------------|
| Levi Voss | 201-992-201 | 21 | F | homicide |
| Kalli Clawson | 201-992-202 | 22 | F | rape |
| Lexy Calhoun | 201-992-205 | 25 | F | property crime |
| Drew Moe | 201-992-208 | 28 | F | motor vehicle theft |
| Monica An | 203-434-345 | 36 | F | caveats |

```
5 rows in set (0.01 sec)
```

question3: show all violent crime that happened during year 2017

```
select type,crimedate,severelevel from crime
-> where to_char(crimedate,'yyyy')=2017;
```

```
[mysql> select type,crimedate,severelevel from crime
-> where to_char(crimedate,'yyyy')=2017;
+-----+-----+-----+
| type          | crimedate | severelevel |
+-----+-----+-----+
| violent crime | 2017-05-06 |          2 |
+-----+-----+-----+
1 row in set (0.01 sec)
```

question4: show all crimes that happened in maine

```
mysql> select type,crimedate,severelevel,location_name
-> from crime join location
-> on crime.locationID=location.id
-> where substring(zipcode,1,2) = 'ME';
```

```
[mysql> select type,crimedate,severelevel,location_name
-> from crime join location
-> on crime.locationID=location.id
-> where substring(zipcode,1,2) = 'ME';
+-----+-----+-----+-----+
| type          | crimedate | severelevel | location_name |
+-----+-----+-----+-----+
| violent crime | 2017-05-06 |          2 | 70 Forest Ave, Portland, ME 04104 |
| homicide      | 2007-07-09 |          4 | 70 Forest Ave, Portland, ME 04104 |
| robbery       | 2008-05-09 |          2 | 140 Saco Ave, Old Orchard Beach |
| aggravated assault | 2006-11-06 |          8 | 140 Saco Ave, Old Orchard Beach |
+-----+-----+-----+-----+
```

question 5: show all male who conducted robbery

```
mysql> select name, age, SSN, type
-> from person join crime
->
```

on

```
[mysql> select name, age, SSN, type
-> from person join crime
-> on person.id = crime.offenderID
-> where gender = 'M'
-> and type = "robbery";
+-----+-----+-----+-----+
| name          | age | SSN          | type |
+-----+-----+-----+-----+
| Evelyn Lawless | 23  | 201-992-203  | robbery |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
person.id = crime.offenderID  
  -> where gender = 'M'  
  -> and type = "robbery";
```