1)select CONCAT(c.firstName,' ', c.LastName) as FullName, a.City, s.Amount from Sales s

join

Customers c

on s.CustomerID = c.Id

join

Address a

on c.Id = a.ID

where EyeColor = 'Brown';

2)select count(o.Id) as OrderCount, u.FirstName, u.LastName from

CourseTable c

join

OrderTable o

on c.ID = o.CourseID

join

User u

on u.ID = o.UserID

group by u.FirstName, u.LastName

having count(o.ID) >=3;

3)500

PYTHON

1)Tuple is one type of data set which is ordered and Immutable we can not perform multiple operations on tuple unlike set which supports indexing and can perform different type of operatins.

In tuple elements are accessed using indexes starting from 0. Tuple can contain different type of data.

We use tuple in a scenario where modifications are not strictly allowed.

2)Local variables are declared inside the function, Global variables can be accessed anywhere In the code and can be accesses using globals keyword

Ex:

```
x=10
def fun():
y = 5                          #Local variable
global x
return x = x+y                 #taking from outside of function which is global variable
fun()
print(x)
```

4)

```
 with open('file.txt', r) as file:
content = file.read()
Print(content)
```

5)

```
result1 ={'key2': strList, 'key1':valList}
print(result1.keys())
print(result1.values)

print(result1.items)
##(or)
print('result1: ', result1)
##or

result2 = {'key1':[1,2, strList]}
print('result2: ', result2)

result3 = {'1':[1,2], '3':[3,4], '2':[2,3]}
print('result3: ', result3)
```