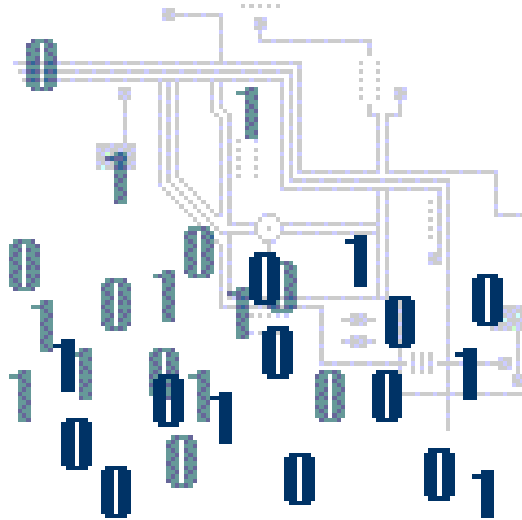


Lab 3-1: Use Character Functions



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1. Perform the following select statements concatenating two columns. Notice the differences.

```
select concat(addr_city, states_us) from  
pers_person_tbl where zip = '10302';
```

```
select addr_city || ', ' || states_us from  
pers_person_tbl where zip = '10302';
```

2. Perform the following select statements and notice the differences:

```
select name_ind from  
pers_person_tbl  
where zip = '10302';
```

```
select initcap(name_ind) from pers_person_tbl  
where zip = '10302';
```

```
SELECT UPPER(name_ind) FROM pers_person_tbl  
where zip = '10302';
```

```
SELECT LOWER(name_ind) FROM pers_person_tbl
where zip = '10302';
```

3. Next, use both INSTR() and SUBSTR() to separate the last name and first name from the name_ind column in the pers_person_tbl: **NOTE: There are two spaces between the single quotes below (' '). You might want to save this query for future use.**

```
col "First Name" format a20
col "Last Name" format a20
col name_ind format a20

SELECT name_ind,
       SUBSTR(name_ind,
              1,
              INSTR(name_ind,
                    ' ',
                    1
                  ) - 1
              ) "Last Name",
       SUBSTR(name_ind,
              INSTR(name_ind,
                    ' ',
                    1
                  ) + 2,
              99
              ) "First Name"
FROM   pers_person_tbl
where  zip = '10302';
```