Assignment 4: Joins

Alexander M. Hendren

Nova Scotia Community College, Cyber Security

DBASE 1020

November 22, 2024

The screenshots below are my inner and left join query and results for assignment 4.

```
mysql> select R.A, R.B, R.C, S.D, S.E
    -> from R
    -> inner join S on R.A = S.A;
```

Image 1. Task 1 Inner Join Query.

```
+------+------+------+------+------+
| A    | B    | C    | D    | E    |
+------+------+------+------+------+
|    2 |    4 |    6 |    8 |   10 |
|    4 |    6 |    8 |   10 |   12 |
|    6 |    8 |   10 |   12 |   14 |
+------+------+------+------+------+
3 rows in set (0.01 sec)
```

Image 2. Task 1 Inner Join Results.

```
mysql> SELECT R.A, R.B, R.C, S.D, S.E
    -> FROM R
    -> LEFT JOIN S ON R.A = S.A;
```

Image 3. Task 2 Left Join Query.

```
+------+------+------+------+------+
| A    | B    | C    | D    | E    |
+------+------+------+------+------+
|    2 |    4 |    6 | NULL | NULL |
|    4 |    6 |    8 |   10 |   12 |
|    6 |    8 |   10 | NULL | NULL |
+------+------+------+------+------+
3 rows in set (0.00 sec)
```

Image 4. Task 2 Left Join Results.