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CSD310

Module 5.2 Assignment: MySQL Functions

4/13/25

1. UPPER() Function

- To standardize or display names in all uppercase, like for ID cards or reports.
- Alias: UPPER(name) AS UppercaseName
- SQL:

```
SELECT name, UPPER(name) AS UppercaseName
FROM Students;
```

```
mysql> SELECT name, UPPER(name) AS UppercaseName
-> FROM Students;
+-----+-----+
| name          | UppercaseName |
+-----+-----+
| Dennis Reynolds | DENNIS REYNOLDS |
| Dee Reynolds   | DEE REYNOLDS   |
| Charlie Kelly  | CHARLIE KELLY  |
| Mac McDonald   | MAC MCDONALD   |
| Frank Reynolds | FRANK REYNOLDS |
+-----+-----+
5 rows in set (0.02 sec)
```

2. LENGTH() Function

- To check length. Useful for data validation or limiting characters.
- Alias: LENGTH(name) AS NameLength
- SQL:

```
select name, LENGTH(name) AS NameLength
FROM Students;
```

```
mysql> select name, LENGTH(name) AS NameLength
-> FROM Students;
+-----+-----+
| name          | NameLength |
+-----+-----+
| Dennis Reynolds |          15 |
| Dee Reynolds   |          12 |
| Charlie Kelly  |          13 |
| Mac McDonald   |          12 |
| Frank Reynolds |          14 |
+-----+-----+
5 rows in set (0.00 sec)
```

3. NOW() Function

- a. Shows the current data and time. Helpful for logs and timestamps.
- b. Alias: NOW() AS CurrentTimestamp
- c. SQL:

SELECT NOW() AS CurrentTimestamp;

```
mysql> SELECT NOW() AS CurrentTimestamp;
+-----+
| CurrentTimestamp |
+-----+
| 2025-04-13 20:53:17 |
+-----+
1 row in set (0.00 sec)
```