# Managing MySQL with PHP

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```php
$result = $db->query('SELECT * FROM table');
foreach ($result as $row) {
    $value1 = $row['col1'];
    $value2 = $row['col2'];
}
```

## Reading Data

# Updating Data

```php
$sql = sprintf(

    "UPDATE table SET col1='%s', col2='%s'

     WHERE col3='%s'",

    $db->real_escape_string('value1'),

    $db->real_escape_string('value2'),

    $db->real_escape_string('value3'));


$db->query($sql);
```
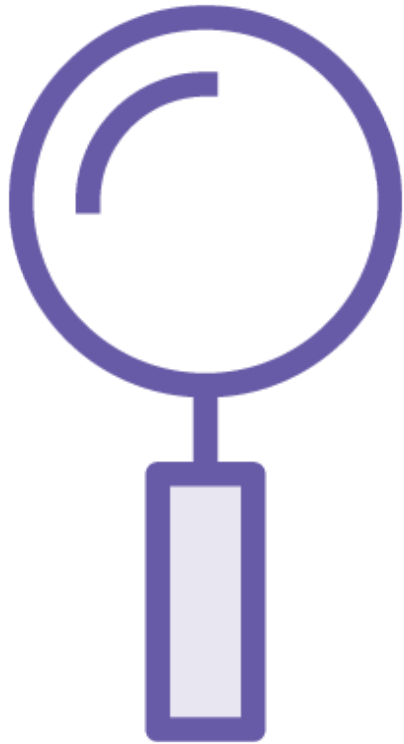
# Deleting Data

```
$sql = sprintf(

    "DELETE FROM table WHERE col1='%s'",

    $db->real_escape_string('value1'));

$db->query($sql);
```

# What´s Missing?

**Additional security measures**

- User authentication/authorization

- Least privilege database users

- Cross-site Request Forgery (CSRF) protection

# Summary

This completes the basic CRUD application

Always escape data when creating HTML

Always escape data when creating SQL