

# Lesson28

## PHP and Databases

# Different file formats

## CSV, Images, JSON

- `fgetcsv($handle)` - get csv string
- `fputcsv($handle, $string)` - put csv line into file
- `json_encode($phpArray | $phpString)` - convert PHP array to JSON string
- `json_decode($phpString)` - covert JSON string to PHP array
- `getimagesize($filename)` - get the size(width and height) of an image -only for images

# CSV

- CSV - Comma Separated Values file is a plain text file that contains a list of data
- Data separated in CSV files with delimiter symbol (Usually “,” or “;” but can be different)
- You can create CSV files in Numbers or MS Excel software (File > Export > CSV)

# Setup for databases

- Database administration software
- **HeidiSQL** ( we will use this one)
- **MySQL Workbench**
- **PhpMyAdmin** (Web)
- For Mac: **SequelPro**