# Quiz – Database Programming

1. Why use a database?
    a. It's a structured storage that can be searched and manipulated even across a network
    b. It's highly secure
    c. It allows for fast addition and removal of data
    d. Allows a lot of data compression
   **Answer: a**

2. What SQL command gets only the name field from the teachers table?
    a. Select * from teachers
    b. Select teachers with name
    c. Select name from teachers
    d. Select teachers, name
   **Answer: c**

3. What does preparing a sql statement do?
    a. Secures the query
    b. Formats the query for use
    c. Makes the query encrypted
    d. Opens a communications channel to the database
   **Answer: b**

4. Why use transactions?
    a. Secure the data in transit
    b. Ensure all the queries are executed without error and allows you to undo your changes
    c. Makes query faster
    d. Ensures the errors you encounter are recoverable and allows you to maintain a state
   **Answer: b**