# Note: this quiz should be in the beginning of the second session not the first one

# Quiz 1

Database and SQL:

1. **Which of the following is NOT a benefit of using databases?**

A) Reduced data redundancy

B) Improved data security

C) Increased data entry storage costs

D) Greater data integrity and independence from application programs

C) Increased data entry storage costs

1. **What does SQL stand for?**

A) Structured Query Language

B) Sequential Query Language

C) Standard Query Language

D) Simple Query Language

A) Structured Query Language

1. **Which of the following is a Data Manipulation Language (DML) command?**

A) CREATE

B) ALTER

C) INSERT

D) DROP

C) INSERT

1. **Which of the following properties does NOT belong to the ACID properties of database transactions?**

A) Atomicity

B) Consistency

C) Independence

D) Durability

C) Independence

1. **Which of the following SQL clauses is used to filter records?**

A) SELECT

B) WHERE

C) ORDER BY

D) JOIN

B) WHERE

1. **What type of join returns rows when there is a match in both tables?**

A) LEFT JOIN

B) RIGHT JOIN

C) INNER JOIN

D) FULL JOIN

C) INNER JOIN

1. **Which SQL command is used to remove a table from a database?**

A) DELETE

B) REMOVE

C) TRUNCATE

D) DROP

D) DROP

1. **Which SQL function returns the number of rows in a table?**

A) SUM()

B) COUNT()

C) AVG()

D) MAX()

B) COUNT()

1. **What does the following SQL statement do? UPDATE employees SET salary = salary \* 1.10 WHERE emp\_id = 102;**

A) Increases the salary of all employees by 10%

B) Increases the salary of the employee with emp\_id 102 by 10%

C) Deletes the salary of the employee with emp\_id 102

D) Sets the salary of all employees to 1.10

B) Increases the salary of the employee with emp\_id 102 by 10%

1. **Which SQL command is used to create a new table in a database?**

A) CREATE

B) ADD

C) INSERT

D) SELECT

A) CREATE