

1. Which of the following statements about ‘views’ in SQL is correct?

1 / 1 point

- ☐ A view can only represent data from a single table.
- ☐ You cannot change data in the base tables through a view.
- ☐ A view is an independent copy of a single table’s structure, including the data.
- ☒ When you define a view, only the definition of the view is stored, not the data that it represents.

✔ **Correct**  
Correct! The data that the view represents remains stored in the base tables, not in the view itself.

2. Which SQL statement below creates a view displaying job names and salary ranges for jobs where the salary range is between 50,000 and 100,000?

1 / 1 point

- ☐ CREATE VIEW  
  
AS SELECT JOB\_TITLE, MIN\_SALARY, MAX\_SALARY  
  
FROM JOBS  
  
WHERE MIN\_SALARY > 50000 AND MAX\_SALARY < 100000;
- ☐ CREATE VIEW JobSalaryRanges(Job, StartingSalary, MaximumSalary)  
  
FROM JOBS  
  
WHERE MIN\_SALARY > 50000 AND MAX\_SALARY < 100000;
- ☒ CREATE VIEW JobSalaryRanges(Job, StartingSalary, MaximumSalary)  
  
AS SELECT JOB\_TITLE, MIN\_SALARY, MAX\_SALARY  
  
FROM JOBS  
  
WHERE MIN\_SALARY >= 50000 AND MAX\_SALARY <= 100000;
- ☐ CREATE VIEW JobSalaryRanges(Job, StartingSalary, MaximumSalary)  
  
AS SELECT JOB\_TITLE, MIN\_SALARY, MAX\_SALARY  
  
FROM JOBS  
  
WHERE SALARY > 50000 AND SALARY < 100000;

✔ **Correct**  
Correct! This CREATE VIEW statement is correctly formed and contains a valid WHERE clause.

3. Which of the following are benefits of ‘stored procedures’?

1 / 1 point

- ☐ Improvement in performance
- ☒ All are valid benefits
- ☐ Reduction in network traffic
- ☐ Reuse of code

✔ **Correct**  
Correct! You can use stored procedures to gain all of these benefits.

4. Which of the following parameters can a stored procedure use?

1 / 1 point

- ☐ Input parameters
- ☐ Output parameters
- ☐ No parameters as a stored procedure cannot accept parameters.
- ☒ Input and output parameters

✔ **Correct**  
Correct! Stored procedures can use both input and output parameters.

5. What does ACID stand for?

1 / 1 point

- ☐ Atomic, Consistent, Initiated, Duplicated
- ☐ Alternative, Creative, Isolated, Durable
- ☐ Asynchronous, Complete, Individual, Direct
- ☒ Atomic, Consistent, Isolated, Durable

✔ **Correct**  
Correct! ACID transactions are Atomic - all or nothing, leave the database in a Consistent state, Isolated from any other process that changes the same data, and Durable - the changes they make are permanent.