

1. What are the following things we don't need to perform in Spring JDBC Template?

- a. We need to write a lot of code before and after executing the query, such as creating connection, statement, closing resultset, connection etc.
- b. need to perform exception handling on the database logic.
- c. Need to handle transaction
- d. All of the Above.

Ans:a

2 Spring \_\_\_\_\_ is a powerful mechanism to connect to the database and execute SQL queries.

- a. JDBC Template
- b. IOC Container
- c. Spring MVC
- d. Spring AOP

Ans:a

3 The Spring JDBC template converts the standard JDBC SQLException into .....

- a. Runtime Exceptions.
- b. ClassNotFoundException
- c. CompiletimeExceptions
- d. Vendor Specific error Messages.

Ans:a

4 In Spring JDBC Template queryForList() returns.....

- a. List of HashMaps.
- b. POJO Class object.
- c. Integer
- d. String

Ans:a

5 public int update(String query) is used for .....

- a. insert
- b. update
- c. delete
- d. All of the above.

Ans:d

6 Spring framework provide .....class for configuring DataSource in bean configuration file.

- a. DriverManagerDataSource
- b. DriverManagerSourceFile
- c. DataSource
- d. DataSourceDriverManager

Ans:a

7 Spring JDBC Template handles the exception and provides the informative exception messages by the help of exception classes defined

- a. org.springframework.dao package.
- b. org.springframework.dao.exception
- c. org.springframework.exception
- d. org.springframework.jdbc.exception

Ans:a

8 We implement ..... interface to override the statement creation task.

- a. PreparedStatement
- b. PreparedStatementCreator
- c. PreparedCreator
- d. None of the mentioned

Ans:b

9 Class which declares a number of overloaded update() template methods to control

the overall update process.

- a. org.springframework.jdbc.core.JdbcTemplate
- b. org.springframework.jdbc.core.\*
- c. org.springframework.jdbc.\*
- d. none of the mentioned

Ans:a

10 The JdbcTemplate class offers template method for batch update operations.

- a. batchUpdate()
- b. update()
- c. all of the mentioned
- d. none of the mentioned

Ans:c

11 Class which declares a number of overloaded update() template methods to control

the overall update process.

- a. org.springframework.jdbc.core.JdbcTemplate
- b. org.springframework.jdbc.core.\*
- c. org.springframework.jdbc.\*
- d. none of the mentioned

Ans:a

12 The JdbcTemplate class offers template method for batch update operations.

- a. batchUpdate()
- b. update()
- c. all of the mentioned
- d. none of the mentioned

Ans:c

13 The JdbcTemplate class declares a number of overloaded query() template methods to control the overall query process.

- a. True
- b. False

Ans:a

14 SimpleJdbcTemplate offers a convenient batch update method in the form of:-

- a. Vector
- b. Set
- c. Map
- d. List

Ans:d

15 Method to retrieve the JDBC template.

- a. setJdbcTemplate()
- b. getTemplate()
- c. getJdbc()
- d. getJdbcTemplate()

Ans:d

16 The org.springframework.jdbc.core.support.JdbcDaoSupport class has a setDataSource() method and a setJdbcTemplate() method.

- a. True
- b. False

Ans:a

17 Method which provides list of maps.

- a. queryForList()
- b. update
- c. query()
- d. all of the mentioned

Ans:a

18. SimpleJdbcTemplate class wraps the JdbcTemplate class and provides the update method where we can pass arbitrary number of arguments.

- a. True
- b. False

Ans:a

19 It handles the exception and provides the informative exception messages by the help of exception classes defined in the org.springframework.dao package.

- a. True
- b. False

Ans:a

20 Which classes are present in spring JDBC API?

- a. JdbcTemplate
- b. SimpleJdbcTemplate
- c. NamedParameterJdbcTemplate
- d. SimpleJdbcInsert
- e. All of the above

Ans:e

21 Which of the following is advantage of using JDBC connection pool?

- a. Better performance
- b. Using more memory
- c. Using less memory
- d. Slow performance

Ans:a

22 All the exceptions thrown by the Spring JDBC Framework are subclasses of

- a. ArrayIndexOutOfBoundsException
- b. Null pointer Exception
- c. DataAccessException
- d. FileNotFoundException

Ans:c

23 What is benefit of using Spring Jdbc

- a. Open the statement
- b. create preparestatement
- c. execute the SQL
- d. All the above

Ans:d

24 Why should you use JdbcTemplate in Spring ?

- a. The Spring JdbcTemplate converts the standard JDBC SQLExceptions into RuntimeExceptions.
- b. The Spring JdbcTemplate allows to clean-up the resources automatically, no need to write the extra code.
- c. both a&b
- d. none of the above

Ans:c

25 If you want to execute multiple queries with a single prepared statement, which method of JdbcTemplate should be used

- a. execute()
- b. prepareExecute()
- c. executeAll()
- d. none of the above

Ans:a

26 What is the functions of Transaction management in spring jdbc

- a. reduces the amount of boiler-plate code in JDBC operations
- b. file uploading
- c. only a
- d. both a&b

Ans:d

27 The Spring JDBC Template has the following advantage compared with standard JDBC.

- a. Spring JDBC template converts the vendor specific error messages into better understandable error messages.
- b. The Spring JDBC template offers several ways to query the database
- c. The Spring JDBC template allows to clean-up the resources automatically, e.g. release the database connections.
- d. All the above

Ans:d

28 We don't need to create CallableStatement when using SimpleJdbcCall class

- a. True
- b. False

Ans:a

29 In Spring JDBC development, you can use \_\_\_\_\_ and \_\_\_\_\_ classes to simplify the overall database operation processes.

- a. jdbc,jdbcDao
- b. JdbcTemplate ,JdbcDaoSupport
- c. dbcTemplate,jdbc
- d. none of the above

Ans:b

30 Class which declares a number of overloaded update() template methods to control the overall update process.

- a. org.springframework.jdbc.core.JdbcTemplate
- b. org.springframework.jdbc.core.\*
- c. org.springframework.jdbc.\*
- d. none of the mentioned

Ans:a

31 Class which declares a number of overloaded update() template methods to control the overall update process.

- a. org.springframework.jdbc.core.JdbcTemplate
- b. org.springframework.jdbc.core.\*
- c. org.springframework.jdbc.\*
- d. none of the mentioned

Ans:a

32 It is better to implement the PreparedStatementCreator interface and other callback interfaces as inner classes if they are used within one method only.

- a. True
- b. False

Ans:a

33 The JdbcTemplate class offers template method for batch update operations.

- a. batchUpdate()
- b. update()
- c. all of the mentioned
- d. none of the mentioned

Ans:c

34 The JdbcTemplate class declares a number of overloaded query() template methods to control the overall query process.

- a. True
- b. False

Ans:a

35 RowCallbackHandler's purpose is to map a single row of the result set to a customized object.

- a. True
- b. False

Ans:b

36 Method of RowMapper interface in which, you have to construct the object that represents a row and return it as the method's return value.

- a. mapRow()
- b. query()
- c. update()
- d. none of the mentioned

ans:A

37 RowMapper implementation which can automatically map a row to a new instance of the specified class.

- a. BeanPropertyRowMapper
- b. BeanPropertyRow
- c. All of the mentioned
- d. None of the mentioned

Ans:a

38 Method which provides list of maps.

- a. queryForList()
- b. update

- c. query()
- d. all of the mentioned

Ans:a

39 The org.springframework.jdbc.core.support.JdbcDaoSupport class has a setDataSource() method and a setJdbcTemplate() method.

- a. True
- b. False

ans:a

40 Method to retrieve the JDBC template.

- a. setJdbcTemplate()
- b. getTemplate()
- c. getJdbc()
- d. getJdbcTemplate()

Ans:d

41 Which is the only method in ResultSetExtractor Interface?

- a. resultSet(Result Set rs)
- b. extractResultSet(ResultSet rs)
- c. extractData(ResultSet rs)
- d. none of the above

Ans:c

42 ResultSetExtractor is a -----?

- a. class
- b. interface
- c. Abstract class
- d. none of the above.

Ans:b

43 What we return using ResultSetExtractor

- a. row
- b. result set
- c. list
- d. none of above

Ans:c

44 Which Spring class use for result set parsing and merging rows into single object?

- a. RowMapper
- b. ResultSetExtractor
- c. ResultSetMapper
- d. RowCallbackHandler

Ans:b

45 Which method of JdbcTemplate class takes the instance of ResultSetExtractor?

- a. query()

- b. execute()
- c. update()
- d. All of the above.

Ans:a

46 extractData() method of ResultSetExtractor throws which Exception?

- a. NullPointerException
- b. DataAccessException
- c. both a & b
- d. none of the above

Ans:b

47 ResultSetExtractor is available in which package?

- a. import org.springframework.jdbc.core.JdbcTemplate
- b. import org.springframework.jdbc.core.ResultSetExtractor
- c. import org.springframework.dao.ResultSetExtractor
- d. None of the above.

Ans:b

48 Spring framework offers a consistent data access exception-handling mechanism for its data access module.

- a. True
- b. false

Ans:a

49 The direct parent class of DataAccessException is:

- a. RuntimeException
- b. NestedRuntimeException
- c. Exception
- d. Throwable

Ans:b

50 Which concrete exception in the DataAccessException hierarchy should be thrown?

- a. errorCode
- b. SQL State properties of the caught SQLException
- c. All of the mentioned
- d. None of the mentioned

Ans:c

51 Method of RowMapper interface in which, you have to construct the object that represents a row and return it as the method's return value.

- a. mapRow()
- b. query()
- c. update()
- d. none of the mentioned

Ans:a



52 RowCallbackHandler purpose is to map a single row of the result set to a customized object.

- a. True
- b. False

Ans:b

53 RowMapper implementation which can automatically map a row to a new instance

of the specified class.

- a. BeanPropertyRowMapper
- b. BeanPropertyRow
- c. All of the mentioned
- d. None of the mentioned

Ans:a

54 Which class is used to map a database row to a java object in spring?

- a. ResultSetExctractor
- b. ResultMapper
- c. RowMapper
- d. RowExctractor

Ans:c

55 Which of the following interface contains mapRow() method?

- a. ResultSetExctractor
- b. RowMapper
- c. ResultMapper
- d. RowExctractor

Ans:b

56 Which class does the query method belongs to ?

- a. RowMapper
- b. ResultSetExctractor
- c. ResultSetDataSource
- d. DataSourceManager

Ans:a

57 mapRow() belongs to which of the following

- a. ResultSetExctractor
- b. RowMapper
- c. ResultMapper
- d. RowExctractor

Ans:b

58 Which method belongs to NamedParameterJdbcTemplate class?

- a. query()
- b. execute()

- c. showAll()
- d. display()

Ans:b

59 Which of the following queries is update() not capable of handling ?

- a. select
- b. insert
- c. update
- d. delete

Ans:a

60 What is the function of RowMapper in spring JDBC?

- a. mapping each row to Result object
- b. processing whole rows at the same time
- c. mapping each columns
- d. processing whole columns at the same time

Ans:a

61 \_\_\_\_\_method executes a query and returns a result object.

- a. query()
- b. queryForObject()
- c. Both a and b
- d. None of the above

Ans:a

62 Class which declares a number of overloaded update() template methods to control the overall update process.

- a. org.springframework.jdbc.core.JdbcTemplate
- b. org.springframework.jdbc.core.\*
- c. org.springframework.jdbc.\*
- d. none of the mentioned

Ans:a

63 The return type of the queryForObject() method will be determined by the class argument.

- a. True
- b. False

Ans:a

64 Update() method is used for \_\_\_\_\_ operations.

- a. insert
- b. delete
- c. update
- d. All of the above

Ans:d

65 Select the correct one from below:

- a. String query = SELECT \* FROM EMPLOYEES WHERE EMP\_ID=? ;

- b. String query = "SELECT \* FROM EMPLOYEES WHERE EMP\_ID=?"
- c. String query = "SELECT \* FROM EMPLOYEES WHERE EMP\_ID=?" ;
- d. String query = "SELECT \* FROM EMPLOYEES WHERE EMP\_ID=3";

Ans:c

66 Which method is used for getting the details from database and in returning in result object

- a. jdbcTemplate.queryForObject(query,new RowMapperData(),bookId);
- b. jdbcTemplate.queryForObject(query,new BookResultSetExtractor(),bookId);
- c. either a or b
- d. both

Ans:c

67 Select one query for inserting the values()

- a. String query = "UPDATE INTO BOOK VALUES (? ,?,?,?)";
- b. String query = "INSERT INTO BOOK VALUES (? ,?,?,?)";
- c. only b
- d. only a

Ans:b

68 What should be passed in update method in order to define the parameterized query

- a. query
- b. parameter values
- c. parameter
- d. None of the above

Ans:b

69 \_\_\_\_\_method is used for insert, update and delete operations.

- a. insert()
- b. update()
- c. delete()
- d. All of the above

Ans:b

70 To get the count of any variable or table which one is used

- a. count
- b. \*
- c. count(\*)
- d. count

Ans:c