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SR.NO	Project NAME	Technology
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

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Database Technologies
10th January, 2014

1. Which of the following statements is INCORRECT about database approach?
 - A. It separates the logical view of data from the physical view.
 - B. It gives scope to reduce the amount of data redundancy in an organization.
 - C. The data is viewed as an organizational resource that should be managed by the organization rather than by individual departments.
 - D. The definition of database structure and constraints is stored in application program.
2. A relation is in this form if it is in BCNF and has no transitive dependencies:
 - A. second normal form
 - B. third normal form
 - C. fourth normal form
 - D. domain/key normal form
3. Which of the following is an extension of the Relational Database model?
 - A. Hierarchical database
 - B. Multidimensional database
 - C. Network database
 - D. Object oriented database
4. Denormalization is a means of addressing _____ and _____.
 - A. Performance, scalability
 - B. Authentication, Authorization
 - C. Modifiability, Testability
 - D. None
5. Which operator can be used with a multiple row subquery?
 - A. =
 - B. Like
 - C. Between
 - D. Not In
6. The natural join is equal to
 - A. Cartesian product
 - B. Combination of Union and Cartesian product
 - C. Combination of selection and Cartesian product
 - D. Combination of projection and Cartesian product



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7. To delete a particular column in a relation, the command used is:
- A. UPDATE
 - B. DROP
 - C. ALTER
 - D. DELETE
8. The full form of DDL is
- A. Dynamic Data Language
 - B. Detailed Data Language
 - C. Data Definition Language
 - D. Data Derivation Language
9. What would happen in the following if the inner query returned a NULL value?

```
SELECT emp_id, name
FROM emp
WHERE emp_id NOT IN (SELECT emp_id
                     FROM emp
                     WHERE dept_id = 30
                     AND job = 'SALESMAN');
```

- A. No rows would be selected from the EMPLOYEE table
 - B. A syntax error would be returned
 - C. All the EMPLOYEE_ID and NAME values in the EMPLOYEE table would be displayed
 - D. Only the rows with EMPLOYEE_ID values equal to NULL would be included in the results
10. A SQL SELECT statement containing the ROWNUM pseudocolumn, an ORDER BY clause, and a subquery was created. What construct was created?
- A. A Complex View
 - B. A Top-n Query
 - C. A Materialized View
 - D. A Hierarchical Report
11. Examine and comment on the following trigger:

```
CREATE or REPLACE TRIGGER myTrigger BEFORE UPDATE on emp For
Each Row WHEN (new.Comm < old.Comm)
begin
    raise_application_error (-20001, 'New commission is less
than old commission');
end;
```

- A. Error: WHEN clause cannot be used in trigger.
- B. Error: Change new.comm & old.comm to :new.comm & :old.comm in WHEN clause.
- C. Error: because application_error number must be between -2000 to -2001.
- D. No Error: Trigger will execute properly

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12. You can create trigger on schema-level operations such as:
- A. Drop
 - B. Rename
 - C. Truncate
 - D. All of the above
13. Which of the following is not correct about User_Defined Exceptions?
- A. Must be declared
 - B. Must be raised explicitly
 - C. Raised automatically in response to an Oracle error
 - D. None of the above
14. Which of the following is true?
- A. An exception is a named error condition in a PL/SQL program.
 - B. PL/SQL program can define it's own exceptions
 - C. Exception handlers are program blocks that Handle error conditions
 - D. All of the above
15. Which of the following events will cause an automatic rollback?
- A. REVOKE command
 - B. Exiting from SQL*PLUS without issuing COMMIT command
 - C. System crash
 - D. TRUNCATE command
16. While creating a table with the following column, how many constraint clauses are needed?
- ```
SQL> EmpNo VARCHAR2 (6) PK
EmpName VARCHAR2 (25) NOT NULL
```
- A. 1
  - B. 2
  - C. 3
  - D. 4
17. The \_\_\_\_\_ step actually executes the SELECT query associated with an explicit cursor
- A. Declare
  - B. Open
  - C. Fetch
  - D. Close



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18. Actual values for parameterized cursors have to be passed at the time of \_\_\_\_\_ the cursor.

A. Declaring  
B. Opening  
C. Fetching (values from the cursor)  
D. Closing

19. Why does the following trigger return an error during compilation?

```
CREATE OR REPLACE TRIGGER batting_average BEFORE UPDATE OF
total_run ON PLAYERS ON PITCHERS FOR EACH ROW
BEGIN
...
...
END;
```

A. The FOR EACH ROW clause should be removed.  
B. A Database trigger cannot be created on more than one table.  
C. The AS keyword has to be included before the BEGIN keyword.  
D. This trigger should be a statement level trigger.

20. Read the following code. Why does it fail when executed?

```
CREATE OR REPLACE PROCEDURE find_sales (v_product_id IN
NUMBER, v_cost_per_product IN OUT NUMBER DEFAULT 100)
IS
BEGIN
 IF v_cost_per_product > 187.25 THEN
 SELECT cost_per_product INTO v_cost_per_product FROM
 total_sales
 WHERE product_id = v_product_id;
 END IF;
END;
```

A. V\_PRODUCT\_ID should be specified as OUT.  
B. V\_COST\_PRODUCT should be as OUT.  
C. V\_PRODUCT\_ID is not declared.  
D. The declaration of V\_COST\_PER\_PRODUCT cannot have a  
 DEFAULT value.

21. How do you create a new collection in MongoDB?

A. db.employee.save({name:'cdac'})  
B. db.employee.update({name:'cdac'})  
C. db.employee.insert({name:'cdac'})  
D. db.employee.insert(name='cdac')

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22. How do you create an Index for a collection?
- A. db.employee.createIndex({teachers:1})
  - B. db.employee.ensureIndex({teachers:1})
  - C. db.employee.ensureIndex(teachers:1)
  - D. db.employee.index(teachers:1)
23. To suppress the duplicate values, you can use the keyword \_\_\_\_\_.
- A. Distinct
  - B. Unique
  - C. Either of the above
  - D. None of the above
24. The SQL query to retrieve current time in Oracle is:
- A. Select SysTime from dual;
  - B. Select SysDate from dual;
  - C. Select TO\_CHAR (SysDate,'HH:MM:SS') from dual;
  - D. Select TO\_CHAR (SysDate,'HH:MM:SS') from dual;
25. Which access method has almost no wasted space, is excellent for full-table scan, but is poor for individual row retrievals?
- A. Hashing
  - B. Heap
  - C. B-Tree
  - D. ISAM
26. Which of the following is INCORRECT about views?
- A. We can insert rows from view if the underlying table has any NOT NULL columns that don't appear in the view.
  - B. We cannot insert or update if any one of the view's column referenced in the insert or update contains functions or calculations.
  - C. We cannot insert, update or delete if the view contains group by or distinct.
  - D. Join views to other views and tables to produce additional views to simplify the task of querying and reporting.
27. You are developing PL/SQL process flow into your program. The command used to open a cursor for loop is which of the following keywords?
- A. Open
  - B. Fetch
  - C. None, cursor for loops handle cursor opening implicitly
  - D. Parse



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28. You are determining what types of cursors to use in your PL/SQL code. Which of the following statements is true about implicit cursors?
- A. Developers should use implicit cursors with great care
  - B. Implicit cursors are used in cursor for loops to handle data processing
  - C. Implicit cursors are used for SQL statements that are not named
  - D. Implicit cursors are no longer a feature in Oracle
29. Which of the following databases supports ACID properties despite being NoSql database?
- A. Redis
  - B. MongoDB
  - C. Hbase
  - D. Neo4j
30. Nosql databases are generally installed in:
- A. Clusters
  - B. Single machine
  - C. Handheld devices
  - D. None
31. What is the type of Oracle backup in which all uncommitted changes have been removed from the data files?
- A. Full backup
  - B. Consistent backup
  - C. Inconsistent backup
  - D. Differential backup
32. Which is an iSQL\*Plus command?
- A. INSERT
  - B. UPDATE
  - C. DESCRIBE
  - D. RENAME
33. What is the purpose of index in Oracle?
- A. It leads to enhance the query performance.
  - B. It leads to provide an index to a record.
  - C. It leads to perform fast searches.
  - D. All of the above.
34. A cluster is a schema object that contains data from \_\_\_\_\_, all of which have one or more columns in common.
- A. one table
  - B. one or more tables
  - C. two or more tables
  - D. at least two tables



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35. Which of the following returns the Oracle error number?
- A. TOO\_MANY\_ROWS
  - B. WHEN OTHERS
  - C. SQLERRM
  - D. SQLCODE
36. Instead of hard coding the data type and size of a variable, you can use the \_\_\_\_\_ attribute to declare a variable according to another previously declared variable or a column of a table.
- A. Variable
  - B. %type
  - C. %rowtype
  - D. Default.
37. DESCRIBE is a(n) \_\_\_\_\_ command.
- A. SQL
  - B. SQL\*Plus
  - C. PL\*SQL
  - D. Forms 6i
38. In Oracle 9i, the upper limit for nested functions is up to \_\_\_\_\_ levels.
- A. 0
  - B. 32
  - C. 64
  - D. 255
39. Implicit cursors created by Oracle can be used for
- A. INSERT commands
  - B. UPDATE commands
  - C. SELECT command which return one row
  - D. All of the above
40. Which statement cannot be used in triggers?
- A. SELECT statement
  - B. ROLLBACK statement
  - C. UPDATE statement
  - D. INSERT statement





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