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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

ADS Mid Quiz

1. Which data structure follows the Last In First Out (LIFO) principle?
 - ☐ Queue
 - ☒ Stack
 - ☐ Array
 - ☐ Linked List
2. In a min-heap, what is the time complexity of extracting the minimum element?
 - ☒ $O(1)$
 - ☐ $O(n \log n)$
 - ☐ $O(n)$
 - ☐ $O(\log n)$
3. Which of the following data structures allows insertion and deletion from both ends?
 - ☒ Dequeue
 - ☐ Queue
 - ☐ Stack
 - ☐ Priority Queue
4. In a circular queue of size n , if the front is at position i and the rear is at position j , what is the condition for the queue being full?
 - ☐ $i == j$
 - ☐ $(i + 2) \% n == j$
 - ☒ $(j + 1) \% n == i$
 - ☐ $(i + 1) \% n == j$

Time remaining: 00:10

5. What will be the result of the following code for inserting an element into a Min-Heap?

```
import heapq  
  
heap = [3, 9, 2, 1, 7]  
  
heapq.heapify(heap)  
  
heapq.heappush(heap, 5)  
  
print(heap)
```

- ☐ [1, 3, 2, 9, 7, 5]
- ☐ [1, 2, 3, 9, 7, 5]
- ☐ [1, 5, 2, 3, 7, 9]
- ☐ [9, 3, 2, 1, 7, 5]

6. Which of the following is true about Dequeue (Double-Ended Queue)?

- ☐ You can insert elements only at the rear end
- ☐ Elements are always deleted in a LIFO order
- ☒ You can insert and delete elements from both ends
- ☐ You can delete elements only from the front end

7. In an array-based implementation of a stack, what is the time complexity of pushing an element?

- ☐ $O(n)$
- ☐ $O(\log n)$
- ☒ $O(1)$
- ☐ $O(n \log n)$

8. Which of the following strategies does Quick Sort use?

- ☒ Divide and Conquer

Time remaining: 00:10

- ☐ Backtracking
- ☐ Greedy
- ☐ Dynamic Programming

9. What is the worst-case time complexity for accessing an element in an unsorted array?

- ☒ $O(n)$
- ☐ $O(n \log n)$
- ☐ $O(\log n)$
- ☐ $O(1)$

10. What is the time complexity of inserting an element at the end of a singly linked list if the tail pointer is maintained?

- ☐ $O(\log n)$
- ☐ $O(n)$
- ☒ $O(1)$
- ☐ $O(n^2)$

11. In which of the following scenarios is a stack used?

- ☐ Implementing an operating system scheduler
- ☒ Recursive function calls
- ☐ Maintaining the order of jobs in a print queue
- ☐ Graph traversal in BFS

12. Which data structure is used for Depth First Search (DFS) traversal of a graph?

- ☒ Stack
- ☐ Queue
- ☐ Heap
- ☐ Dequeue

Time remaining: 00:10

13. In a linked list, what is the time complexity of finding the last element?
- ☐ $O(\log n)$
 - ☐ $O(n \log n)$
 - ☒ $O(n)$
 - ☐ $O(1)$
14. In which of the following applications is a circular queue most commonly used?
- ☐ Breadth First Search
 - ☒ Task scheduling in operating systems
 - ☐ Expression evaluation
 - ☐ Depth First Search
15. Which data structure is the most appropriate to implement a priority queue?
- ☐ Dequeue
 - ☒ Heap
 - ☐ Linked List
 - ☐ Stack
16. Which algorithm strategy is used in Merge Sort?
- ☐ Greedy
 - ☒ Divide and Conquer
 - ☐ Dynamic Programming
 - ☐ Backtracking

Time remaining: 00:10

17. Which of the following algorithms is a greedy algorithm?

- ☐ Floyd-Warshall
- ☒ Dijkstra's shortest path algorithm
- ☐ Quick Sort
- ☐ Merge Sort

18. What is the main advantage of a circular queue over a regular queue?

- ☐ It has a smaller time complexity
- ☐ It allows insertion from both ends
- ☐ It is easier to implement
- ☒ It avoids wastage of space

19. Which of the following operations is not possible in an array in constant time?

- ☒ Delete an element by value
- ☐ Insert an element at the end
- ☐ Access an element by index
- ☐ Update an element by index

Time remaining: 00:10

20. What is the output of the following recursive function for n = 5?

```
public class Main {  
  
    public static int mystery(int n) {  
  
        if (n == 1) {  
  
            return 1;  
  
        }  
  
        return n + mystery(n - 1);  
  
    }  
  
    public static void main(String[] args) {  
  
        System.out.println(mystery(5));  
  
    }  
}
```

- ☒ 15
- ☐ 10
- ☐ 5
- ☐ 25

Time remaining: 00:10



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