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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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Operating System Concepts
08th January, 2014

1. Which of the following is not a UNIX system call?
 - A. pipe
 - B. msgget
 - C. shmget
 - D. getc
2. The expression $\text{expr} - 9 \% 2$ evaluates to
 - A. 0
 - B. 1
 - C. -1
 - D. 2
3. The "turn-around" time of a user job is the
 - A. Time since its submission to the time its results become available.
 - B. Time duration for which the CPU is allotted to the job.
 - C. Total time taken to execute the job.
 - D. Time taken for the job to move from assembly phase to completion phase.
4. Which is not true about pipes?
 - A. Pipes support broadcasting
 - B. Pipes operate unidirectionally
 - C. Pipes are the insecure mode of communication
 - D. All the above
5. In producer consumer problem, blocking consumer when buffer is empty can be achieved by
 - A. Semaphores
 - B. Mutex
 - C. Both A&B
 - D. None of the above
6. Which of the following is the disadvantage of paging?
 - A. External Fragmentation is removed totally
 - B. Internal Fragmentation is removed totally
 - C. Page table size is very large
 - D. All the above



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7. Which of the following is the advantage of segmentation?
- A. Segment table size is small
 - B. Internal Fragmentation is removed
 - C. External fragmentation is partially removed
 - D. All the above
8. Which one of the following is not shared by threads?
- A. program counter
 - B. stack
 - C. both (a) and (b)
 - D. none of the mentioned
9. When one thread immediately terminates the target thread, it is called :
- A. Asynchronous cancellation
 - B. Systematic cancellation
 - C. Sudden Termination
 - D. Deferred cancellation
10. A binary semaphore
- A. has the values one or zero
 - B. is essential to binary computers
 - C. is used only for synchronization
 - D. is used only for mutual exclusion
11. In a multithreaded environment:
- A. Each thread is allocated with new memory from main memory.
 - B. Main thread terminates after the termination of child threads.
 - C. Every process can have only one thread.
 - D. None of the above
12. In a multi-programming environment
- A. the processor executes more than one process at a time
 - B. The programs are developed by more than one person
 - C. more than one process resides in the memory
 - D. a single user can execute many programs at the same time
13. The context of a process in the PCB of a process does not contain :
- A. the value of the CPU registers
 - B. the process state
 - C. memory-management information
 - D. Context switch time

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14. Which command is used to print the login shell of a user?
- A. echo \$SHELL
 - B. echo \$LOGIN
 - C. echo \$LSHELL
 - D. None of the Above
15. Which of the following commands returns the exit status of last command?
- A. \$!
 - B. \$\$
 - C. \$?
 - D. \$#
16. Dynamic memory partition method of memory management causes
- A. Internal fragmentation
 - B. External fragmentation
 - C. None
 - D. Both
17. Which type of fragmentation is resolved by compaction method?
- A. Internal fragmentation
 - B. External fragmentation
 - C. None
 - D. Both
18. If one thread opens a file with read privileges then
- A. other threads in the another process can also read from that file
 - B. other threads in the same process can also read from that file
 - C. any other thread can not read from that file
 - D. all of the mentioned
19. When an event for which a thread is blocked occurs,
- A. thread moves to the ready queue
 - B. thread remains blocked
 - C. thread completes
 - D. a new thread is provided
20. `pthread_create(&threads_id, NULL, Hello_world, NULL);` creates a thread called
- A. Hello_world with default attributes
 - B. Hello_world with all attributes set to NULL
 - C. Hello with default attributes
 - D. Hello with all attributes set to NULL



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21. What are the flags that are passed while compiling a pthread program using gcc?
- A. -pthread
 - B. -lpthread
 - C. -gccpthread
 - D. -thread
22. Which file holds the inode numbers and names of other files?
- A. inode
 - B. directory
 - C. device drivers
 - D. system call
23. Which system call arranges first nbytes from buffer to be written to the file associated with file descriptor fildes?
- A. open
 - B. read
 - C. write
 - D. mask
24. To allow only one user to work with a particular file at a particular time, one has to use
- A. Semaphore
 - B. Critical region
 - C. Locking
 - D. Dedicated mode
25. Situations where two or more process are reading or writing some shared data and the final result depends on the order of usage of the shared data are called
- A. Race conditions
 - B. critical section
 - C. Mutual exclusion
 - D. Dead locks
26. Loading a page into a free frame only when page fault occurs is known as
- A. Copy on write
 - B. Demand Paging
 - C. Pre fetching
 - D. Memory mapping

27.

28.

29. Wh
usin

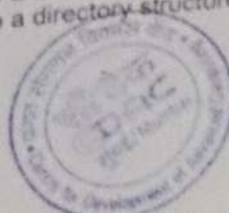
30. Which

31. Which

32. What is

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27. Thrashing can be reduced by _____
- A. Increasing physical memory size
 - B. Decrease no. of processes
 - C. Increasing swap size
 - D. Both A&B
28. Select valid statement(s) from the following:
- a. During the fork() system call the Kernel makes a copy of the parent process's address space and attaches it to the child process.
 - b. The vfork() system call do not makes any copy of the parent's address space
 - c. The vfork() is faster than the fork() system call.
 - d. The child process as a result of the vfork() system call executes exec() system call.
- A. only statement a is valid
 - B. only statement b is valid
 - C. statements a, b, c are valid
 - D. all the 4 statements (a, b, c, d) are valid
29. Which file system can be used to change certain kernel parameters at runtime using sysctl command?
- A. Ext3
 - B. Sysfs
 - C. Ext4
 - D. Procfs
30. Which of the following conditions is required for deadlock to be possible?
- A. mutual exclusion
 - B. a process may hold allocated resources while awaiting assignment of other resources
 - C. no resource can be forcibly removed from a process holding it
 - D. all of the mentioned
31. Which one of the following is a deadlock avoidance algorithm?
- A. banker's algorithm
 - B. round-robin algorithm
 - C. elevator algorithm
 - D. None of the above
32. What is the mounting of file system?
- A. crating of a file system
 - B. deleting a file system
 - C. attaching portion of the file system into a directory structure
 - D. removing portion of the file system into a directory structure



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33. Which one of the following statements is true about variables in a shell?
- A. variables do not require declaration before assigning values to them
 - B. variables are case sensitive
 - C. to extract the contents of a variable, we have to provide the variable a preceding \$
 - D. all of the above
34. Which of the following is an operating system call?
- A. CREATE
 - B. LINK
 - C. SYSTEM
 - D. All of these
35. When a thread waits indefinitely for some resource, but other threads are actually using it, it is called
- A. Starvation
 - B. Demand Paging
 - C. Segmentation
 - D. None of these
36. A routine that can be called from multiple programming threads without unwanted interaction between the threads is called as
- A. Thread safe
 - B. Thread routine
 - C. Thread portion
 - D. All of the above
37. Which disk scheduling algorithm is prone to starvation?
- A. FCFS
 - B. SCAN
 - C. SSTF
 - D. C-SCAN
38. The Hardware mechanism that enables a device to notify the CPU is called
- A. Polling
 - B. Interrupt
 - C. System Call
 - D. None of the above
39. In UNIX/Linux, if parent process terminates before completion of child, then
- A. Child becomes an orphan process
 - B. Parent of parent becomes parent of child
 - C. init becomes parent of child process
 - D. Terminal becomes parent of child process

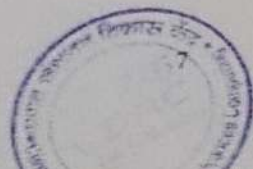
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40. What is the output of this program?

```
#include<stdio.h>
#include<unistd.h>
int main()
{ pid_t child;
  int a, b;
  a = 10;
    b = 20;
    child = fork();
    a = a + b;
    if(child > 0){
        printf("%d\n",a);
    }
    return 0;
}
```

- A. 10
- B. 30
- C. 50
- D. none of the above

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