* Academic projects
* Pointers
* Type casting
* Arrays
* Bitwise and logical operators
* Storage classes
* Compilation stages
* OSI layers
* Emertxe projects
* Datatypes and size and range
* Structures
* Union
* Storage classes
* Functions
* Bitwise operations
* Patterns program
* Program on arrays
* Difference between while and do while loop
* For loop syntax
* Academic project
* Clear nth bit, Set nth bit
* Bitwise operators
* Wap to check prime number
* Wap to find the largest number
* Pattern programs
* Recursive program
* Storage classes
* Compilation stages
* Function pointer
* While, do while, and for loop concept
* CAN protocol
* Car black box
* Datatypes, how to find range of that
* Structures and union difference
* Storage classes
* Static local and static global differences
* Function pointer
* Program to print Patterns
* Program to find largest of array, even or odd
* Program to Clear, set,toggle
* Infinite loop
* Break, continue
* Situation based programs
* Datatypes,
* Pattern program,
* Bitwise operator program on setting&clearing bit based on situation,
* tricky questions on Structures padding,
* Enums ,
* Unions,
* Functions,
* Macros,
* Pointers,
* Program on swap 2 array elements,
* Program on swapping half of nibble in upper and lower nibble,
* Predicting o/p of different pointer programs,
* About the company,
* Diff between array&structure&union,
* Compilation stages in depth,
* Storage classes in depth,
* upper context and lower context switching,
* Operating system ,
* Qualifiers like constant and volatile with o/p prediction of tricky program,
* Some other basic programs based on array and pointer.
* 1) Self introduction
* 2) about Emertxe project
* 3) diff b/n structure and union
* 4) array adv & disadv
* 5) Enum
* 6) padding
* 7) patterns
* 8) based on array concept program
* 9) they give code, wt is the output?
* 10) storage classes
* 11) complilation stages
* 12)wt are qualifiers
* Null pointer,
* Void pointer,
* Little endian and big endian,
* Inline function,
* How to declare Array of structure,
* Pattern program is
* 5
* 54
* 543
* 5432
* 54321
* Timers,
* Counters,
* Microprocessor vs microcontroller
* Based on bitwise operation(Check each element in array the 0th bit is set or not)
* check if integer are equal or not
* Why you want to join avin.
* Self introduction and hobbies
* Where you will see yourself in 2 years
* Technical:
* Bitwise operations(deeply)
* Explain the program which was in the written test
* About u r self
* Self introduction
* Show a,b,c are equal .
* Loop through the array and print its first element is set.
* Techno manager round:
* Self introduction
* About family background
* Why join avin system
* Say 1 challenge you faced in life and how you overcame that
* Check if a, b and c are equal
* If (num & OXff == num)
* Give 3 num value to satisfy this condition and 3 number that fails
* If (num & OX55 == num)
* Give 3 number that satisfy the condition and 3 number that fails
* Array has 5 elements and wap to check if the lower nibble is set
* Hr round:
* Self introduction
* Family background
* Education history
* Why avin systems
* How do you face problems
* About hobbies
* \*Techno manager round:
* 1.write program to show variables a,b,c are equal.
* 2.set lower nibble of all elements in integer array.
* 3.if((a&0xFF) ==a)
* {...
* }
* Suggest 3 value for a so that this condition execute.
* 4.if((a&0x0F) ==a)
* {...
* }
* Suggest 3 value for a so that this condition execute.
* 5.where do you see yourself after 10 years.
* 6.would you go for other location than bengaluru.
* 7.what is the biggest problem faced in your life.
* 8.To store number between 0 to 20 which datatype you will use.
* \*HR round:
* 1.about family.
* 2.about education.
* 3.what are the essential life skills for a person.
* 4.why avin system.
* 5.some other personal details.
* Self introduction,
* give 3 variables write a snippet those are equal, give 2 variables check both are equal in ternary operator, about family, MC and MP difference and example also, why do you choose this course, give array and find out in that array each element how many set bits