Question Bank for practicing logics of programming.
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==> Basic Questions
1- Area and Circumference of a Circle
2- Print Ascii Value of the Character
3- Area of Triangle
4- Convert a Person's Name in Abbreviated
5- Simple Interest
6- Gross Salary of an Employee
7- Percentage of 5 Subjects
8- Converting Temperature Celsius into Fahrenheit
9- The Display Size of the Different Datatype
10- Factorial of a Given Number
11- Read Integer (N) and Print the First Three Powers (N^1, N^2, N^3)
12- Area of a Circle
13- LCM of Two Numbers
14- GCD of Two Numbers

==> If / Else Statement
15- The Greatest Number Among the Given Three Number (Also try for greatest number among n numbers)
16- The Number Is Positive or Negative
17- Character Is Vowel or Consonant
18- A Character Is an Alphabet or Not
19- The Number Is Even or Odd
20- Leap Year
21- The Date Is Correct or Not
22- Voting Eligibility Checker
23- Check whether a number is divisible by 5 and 11 or not.
24- Input week number and print weekday.
25- Count the total number of notes in a given amount.(Amount provided by user)(Currency available- 1,2,5,10,50,100,200,500,2000)
26- Input angles of a triangle and check whether the triangle is valid or not.
27- Check whether the triangle is an equilateral, isosceles or scalene triangle.
28- Find all roots of a quadratic equation.

==> While Loop or Do-while
29- Reverse A given Number
30- Find Number Is Armstrong Or Not
31- Calculate Sum of Natural Numbers
32- Display Fibonacci Series
33- Find LCM of two Numbers
34- Check Whether a Number is A Palindrome or Not
35- Count Number of Digits of an Integer
36- Find A Generic Root Of Number

==> For Loop Questions List
37- Generate IP (Internet Protocol) Addresses Using
38- Print Multiplication Table Using
39- Sort A Float Array In Ascending And Descending Order Using

==> Switch Case
40- Create a Simple Calculator using switch case.
41- Find A Grade Of Given Marks or (Find a Grade of Given Marks Using Switch Case)
42- Find Radius, Circumference and Volume of Cylinder
43- Remove All Vowels From A String

==> Array Questions List
44- Insert An Element Desired or Specific Position In An Array

45- Remove Duplicates Items In An Array
46- Delete Element From Array At Desired Or Specific Position
47- Print "I AM DEVELOPER" Using Array
48- Read and print elements of the array. – using RECURSION.
49- Sum of all array elements. – using RECURSION.
50- Find a maximum and minimum element in an array. – using RECURSION.
51- Get the second largest element in an array.
52- Count the total number of even and odd elements in an array.
53- Copy all elements from an array to another array.
54- Count frequency of each element in an array.
55- Merge two arrays to the third array. (Also try to put all numbers in ascending order)
56- Find reverse of an array.
57- Put even and odd elements of an array in two separate arrays.

==> Matrix Questions
58- Add two matrices.
59- Perform scalar matrix multiplication.
60- Multiply two matrices.
61- Check whether two matrices are equal or not.
62- Sum of the main diagonal elements of a matrix.
63- Find the sum of minor diagonal elements of a matrix.
64- Interchange diagonals of a matrix.
65- The transpose of a matrix.
66- Find determinant of a matrix.
67- Check the sparse matrix.

==> String Questions
68- String Char-Case Change(Uppercase to lowercase and vice versa)
69- A String is Palindrome or Not
70- A String Is an Anagram or Not
71- Find the length of a string.
72- Concatenate two strings.
73- Compare two strings.
74- Find a total number of alphabets, digits or special character in a string.
75- Find the first occurrence of a character in a given string.(User entered)
76- Find the last occurrence of a character in a given string.
77- Find highest frequency character in a string.
78- Remove the last occurrence of a character from a string.
79- Delete all occurrences of a character from a string.
80- Remove all repeated characters from a given string.
81- Replace the first occurrence of a character with another in a string.

==> Function Questions
82- Find diameter, circumference and area of a circle using functions.
83- Check whether a number is prime, Armstrong or perfect number using functions.
84- Sum of all natural numbers between 1 to n using recursion.
85- Find factorial of any number using recursion.
86- Generate nth Fibonacci term using recursion.

==>Pointer Questions List in C Language
87- Add two numbers using pointers.
88- Swap two numbers using pointers.
89- Input and print array elements using a pointer.
90- Search an element in an array using pointers.
91- Add two matrix using pointers.
92- Concatenate two strings using pointers.
93- Sort array using pointers.(Ascending/Descending)
94- Return multiple values from a function using pointers.

==>File Handling

95- Create a file and write contents, save and close the file.
96- Read file contents and display on the console.
97- Read numbers from a file and write even, odd and prime numbers to separate file.
98- Append content to a file.
99- Compare two files.
100- Merge two files to the third file.
101- Count characters, words and lines in a text file.
102- Delete a word from a text file.
103- Remove empty lines from a text file.
104- Count occurrences of a word in a text file.
105- Count occurrences of all words in a text file.
106- Find and replace a word in a text file.
107- Check if a file or directory exists.
108- Rename a file using rename() function.
109- List all files and sub-directories recursively.

==>Sorting in C Language
Bubble Sort in C
Bucket or Radix Sort in C
Shell Sort in C
Merge Sort in C
Heap Sort in C
Selection Sort in C
Insertion Sort in C
Searching in C Language
Binary Search in C
Linear Search in C
Recursive Binary Search in C

==>Test your knowledge on some Experts Question
1- Puzzles Questions list
2- Print numbers from 1 to n without using a semicolon?
3- Sum of two numbers without using any operator
4- How to show memory representation of c variables?
5- Condition to print "HelloWorld"
6- Modify/add only one character and print '*' exactly 20 times
7- Sum the digits of a given number in a single statement?