Hi Folks,

I am mentioning here different C question can be asked in interview-

1. Which are the different storage classes in C? What is the difference between life and scope of variable?

2. Why we use static variable?

3. What is volatile keyword?

4. What is register keyword?

5. What is the meaning of static const volatile int x=10?

6. Describe the flow of C program?

7. Describe different part of .out file or memory layout of C program?

8. Why windows and linux executable file cannot be run in the two OS vise versa?

9. What is the significant of NULL pointer?

10. What is void pointer?

11. What id Dangling pointer?

12. What is wild pointer?

13. What is the difference between function & macro?

14. What is the difference between inline function and macro?

15. What is header guard?

16. What is the difference between static and dynamic memory allocation?

17. What is memory leakage? How to detect it?

18. Swap two integer without using 3rd variable?

19. C program to check the number is prime or not?

20. C program to find the factorial of a number?

21. Swap two number using reference?

22. C program to string compare and string reverse?

23. What is call back function and function pointer?

24. What is bit field ?

25. What is array of pointer ?

26. What’s the difference between malloc & calloc function in c?

27. Difference between const and const volatile?

28. Program to convert string to number?

29. What is the difference between Const pointer and pointer to const?

30. Describe Double pointer?

31. Write a program to test little endian or big endian?

32. What is extern Keyword in C?

33. Describe realloc function?

34. What is the reason for segmentation fault ?

35. What is re-entrant function ?

36. Write a program to remove duplicate from a given string?

37. What is the difference between segmentation fault and SIGBUS ERROR?

38. program for string reverse using pointer?

39. What is difference between typedef and #define?

40. What is the difference between near, far and huge pointer?

41. Bitwise operator program clear a bit, count number of 1, count number of bit, swap 2 bit of number, swape byte, swap nibble, toggle a bit?

42. Write a program to test the number is Armstrong or not?

43. Write a program to copy one string to other string?

44. Write a program to find out the Fibonacci series, square root of a number?

45. Write a program to find a word in a sentence?

46. Different gdb command?

47. program such as multiline macro, find out the number of digit in a number, Palindrome Number, Palindrome string, Reverse a number, size of structure, size of union, square root, string reverse using recursion, sum of digit, swap two bit of number,

48. What is preprocessor ?

49. what is structure padding?

50. How does free() function knows how memory need to be deleted?

51. Write a program using malloc to allocate 2D array?

52. How to convert integer to binary?

53. Check whether a given number is divisible by 8 by bitwise operator?

54. Check whether a given number is divisible by 2 by bitwise operator?

55. Check whether a given number is power of 2 or not?

56. Check whether a given number is power of 3 or not?

57. Check whether a given number is power of 4 or not?

58. Write your own malloc.