1. What is [C language](http://techpreparation.com/c-interview/what-is-c-language.htm) ?
2. What does [static variable](http://techpreparation.com/c-interview/what-does-static-variable-mean.htm) mean?
3. What are the different [storage classes](http://techpreparation.com/c-interview/c-different-storage-classes.htm) in C ?
4. What is [hashing](http://techpreparation.com/c-interview/hashing.htm) ?
5. Can [static variables](http://techpreparation.com/c-interview/static-variables-declared-header-file.htm) be declared in a header file ?
6. Can a variable be both [constant and volatile](http://techpreparation.com/c-interview/variable-constant-volatile.htm) ?
7. Can [include files](http://techpreparation.com/c-interview/include-files-nested.htm) be nested?
8. What is a [null pointer](http://techpreparation.com/c-interview/null-pointer.htm) ?
9. What is the output of [printf("%d")](http://techpreparation.com/c-interview/output-of-printf.htm) ?
10. What is the difference between [calloc() and malloc()](http://techpreparation.com/c-interview/calloc-malloc.htm) ?
11. What is the difference between [printf() and sprintf()](http://techpreparation.com/c-interview/printf-sprintf.htm) ?
12. How to reduce a final size of [executable](http://techpreparation.com/c-interview/final-size-executable.htm) ?
13. Can you tell me how to check whether a [linked list](http://techpreparation.com/c-interview/linked-list.htm) is circular ?
14. Advantages of a [macro](http://techpreparation.com/c-interview/advantages-macro.htm) over a function ?
15. What is the difference between [strings and character arrays](http://techpreparation.com/c-interview/strings-character-arrays.htm) ?
16. Write down the equivalent pointer expression for referring the [same element](http://techpreparation.com/c-interview/expression-same-element.htm) a[i][j][k][l] ?
17. Which [bit wise operator](http://techpreparation.com/c-interview/bit-wise-operator.htm) is suitable for checking whether a particular bit is on or off ?
18. Which bit wise operator is suitable for [turning off a particular bit](http://techpreparation.com/c-interview/turning-off-a-particular-bit.htm) in a number ?
19. Which bit wise operator is suitable for [putting on a particular bit](http://techpreparation.com/c-interview/putting-on-a-particular-bit.htm) in a number ?
20. Does there exist any other function which can be used to convert an integer or a [float to a string](http://techpreparation.com/c-interview/convert-an-integer-or-float-to-string.htm) ?
21. Why does [malloc(0) return valid memory address](http://techpreparation.com/c-interview/malloc-valid-memory-address.htm) ? What's the use ?
22. Difference between [const char\* p](http://techpreparation.com/c-interview/const-char.htm) and char const\* p
23. What is the result of using [Option Explicit](http://techpreparation.com/c-interview/option-explicit.htm) ?
24. What is the benefit of using an enum rather than a [#define constant](http://techpreparation.com/c-interview/enum-define-constant.htm) ?
25. What is the [quickest sorting method](http://techpreparation.com/c-interview/quickest-sorting-method.htm) to use ?
26. When should the [volatile modifier](http://techpreparation.com/c-interview/volatile-modifier.htm) be used ?
27. When should the [register modifier](http://techpreparation.com/c-interview/register-modifier.htm) be used? Does it really help ?
28. How can you determine the size of an [allocated portion of memory](http://techpreparation.com/c-interview/allocated-portion-memory-size.htm) ?
29. What is [page thrashing](http://techpreparation.com/c-interview/what-is-page-thrashing.htm) ?
30. When does the compiler not implicitly generate the address of the [first element of an array](http://techpreparation.com/c-interview/first-element-of-an-array.htm) ?
31. What is the benefit of using #define to [declare a constant](http://techpreparation.com/c-interview/declare-a-constant.htm) ?
32. How can I search for data in a [linked list](http://techpreparation.com/c-interview/search-data-in-linked-list.htm) ?
33. Why should we assign [NULL to the elements](http://techpreparation.com/c-interview/null-to-elements.htm) (pointer) after freeing them ?
34. What is a [null pointer assignment error](http://techpreparation.com/c-interview/null-pointer-assignment-error.htm) ? What are bus errors, memory faults, and core dumps ?
35. When should a [type cast](http://techpreparation.com/c-interview/type-cast.htm) be used ?
36. What is the difference between a [string copy (strcpy) and a memory copy](http://techpreparation.com/c-interview/string-memory-copy.htm) (memcpy)? When should each be used?
37. How can I [convert a string to a number](http://techpreparation.com/c-interview/convert-string-to-number.htm) ?
38. How can I [convert a number to a string](http://techpreparation.com/c-interview/convert-number-to-string.htm) ?
39. Is it possible to execute code even after the [program exits the main() function](http://techpreparation.com/c-interview/execute-code-after-programs-exit-main.htm)?
40. What is the [stack](http://techpreparation.com/c-interview/stack.htm) ?
41. How do you [print an address](http://techpreparation.com/c-interview/print-an-address.htm) ?
42. Can a file other than a .h [file be included with #include](http://techpreparation.com/c-interview/file-included-with-include.htm) ?
43. What is [Preprocessor](http://techpreparation.com/c-interview/what-is-preprocessor.htm) ?
44. How can you restore a [redirected standard stream](http://techpreparation.com/c-interview/redirected-standard-stream.htm) ?
45. What is the [purpose of realloc( )](http://techpreparation.com/c-interview/purpose-of-realloc.htm) ?
46. What is the [heap](http://techpreparation.com/c-interview/heap.htm) ?
47. How do you use a [pointer to a function](http://techpreparation.com/c-interview/pointer-to-function.htm) ?
48. What is the [purpose of main( ) function](http://techpreparation.com/c-interview/purpose-of-main-function.htm) ?
49. Why n++ [executes faster](http://techpreparation.com/c-interview/executes-faster.htm) than n+1 ?
50. What will the [preprocessor](http://techpreparation.com/c-interview/preprocessor.htm) do for a program ?
51. What is the benefit of using [const for declaring constants](http://techpreparation.com/c-interview/declaring-constants.htm) ?
52. What is the [easiest sorting method](http://techpreparation.com/c-interview/easiest-sorting-method.htm) to use ?
53. Is it better to [use a macro or a function](http://techpreparation.com/c-interview/use-macro-or-function.htm) ?
54. What are the [standard predefined macros](http://techpreparation.com/c-interview/standard-predefined-macros.htm) ?