# 1. Compiling steps in detail

# 2. Preprocessor commands

# 3. Storage Classes

# 4. Memory management - heap stack etc.

# 5. Pointers - Function pointer, Void pointer, NULL pointer, Wild pointer, Dangling Pointer

# 6. Inline function and macro

# 7. Make file purpose and simple C make file creation

# 8. Command line arguments

# 9. Cost pointer and pointer constants

# 10. C Qualifiers - Volatile and Cost

# 11. Structure and Union

# 12. Structure Padding and how can we avoid that.

# 13. Little endian and Big endian

# 14. Macros - ## operator in macro

# 15. Linked list

# 16. Bitwise Operator, Shifting, clearing a bit, set a bit, etc.

# 17. Structure bit field declaration

# 18. Simple programs

Nibble swapping

Decimal to binary \*using bitwise operator\*

Then Number swapping

Etc...

# 19. Errors in c

Syntax error

Segmentation fault etc.

# 20. Theory about gab debugger.