TOPICS

DAY 1 (7/9) Programming languages

Tools, (compiler, interpreter, assembler)

Flow of C lang.

Variables, Scopes of varable

constant, keyword,

Data types, operators

TASKS: difference between framework, firmware, programming lang, libraries.

Comaparison btw types of language,

header files and libraries diff

what is #include and what does a preprocessor mean

comparison of compiler, assembler, interpreter

keywords in c

calculator(both in C & C++), find ranges of different datatypes, Operators (code)

conditional operators

DAY 2 (9/9) conditional statements

Loops

practice questions

TASKS: switch case, prac qs(patterns)

DAY 3 (11/9) Functions, arrays,

string, pointers

TASKS: functions of strings, print 2x2 matrix, prac qs for function,

swap 2 numbers using pointers

Completion task for software(individual along with document)

DAY4 (13/9) structure, class

library

practice

TASKS: NONE