

BasicML vocabulary defined as follow.

I/O operation:

READ = 10            Read a word from the keyboard inter a specific location in memory.

WRITE = 11           Write out a string or integer stored in memory

Load/store operations:

LOAD = 20           Load a word from a specific location in memory into the accumulator.

STORE = 21           Store from accumulator to memory location.

Arithmetic operation:

Add = 30            Add a word from a specific location in memory to the word in the accumulator (leave the result in the accumulator)

SUBTRACT = 31       Subtract a word form a specific location in memory to the word in the accumulator (leave the result in the accumulator)

DIVIDE = 32           Divide a word form a specific location in memory to the word in the accumulator (leave the result in the accumulator)

MULTIPLY = 33       Multiply a word form a specific location in memory to the word in the accumulator (leave the result in the accumulator)

Control operation:

BRANCH = 40        Branch to a specific location in memory

BRANCHNEG = 41    Branch to a specific location on a negative number

BRANCHZERO = 42   Branch to a specific location on zero

HALT = 43           Indicator of end of execution

Debugging operation:

MEMDUMP            Print the memory image on the screen.

BREAK                Break point/ Break out of current run.

CONTINUE            Continue with execution of code.



Date\_\_\_\_\_

Signature\_\_\_\_\_