SPRINT

Feb 26th, 2018

Working on

* Currently working on LEA and printing out appropriate source and destination (including mode and register)
* Currently working on printing the address before the instruction

Backlog:

* Added case check incase of long operand. Might be 1 or 2 more that specifies the data
* Aiming to finish all opcode that start with 4
* Checking invalid address (aligned, non aligned)
* looping until user input correct address

FINISHED:

* NOP
* RTS

Night of Feb 26th. Created some flow charts of what to do. Inside the code. Added the ability to print address register, data register,……

Task for tomorrow:

Need to add a way to save what size of data was hold. So that immediate data can determine of how many bytes it should advance forward in order to print out

Feb 28th , 2018

Working on:

* Printing the address before the instruction
* JSR

Backlog:

* Fix the LEA instruction + the above

Finished:

* Reorganized the entire source file
* Added ability to convert hex to ascii
* Factor some methods outside

Task: Finish JSR and do some quick test with it. Once the hex to ascii is done. Find a way to print it before the instructions

Create a hex table that print out the data since appending a null to a memory location does not work

Feb 29th,2018

Update: Complete printing out the hex value of the operand to console

March 1st. 2018

Working on a way to print out the address location where we are decoding

Update: Successfully print out the addresss location

Now working on NEG and working on a way to print out the suffix byte, word long. Currently in the process of creating a jump table to do that

March 2nd, 2018

Finished working on instructions that started with byte 4: NOP, LEA,JSR, RTS, NEG

Was able to print out the operand values as well

Something to keep in mind: Have not touch too much on cases of invalid operand. Plan to focus on that after the disassembler is done. Looking at best case scenarios at the moment

Plan for today: Finish maybe other instructions that start with another byte

Finsih SUBQ, DIVS,CMPI

Woking on SUB. Finding a way to alternate their locations