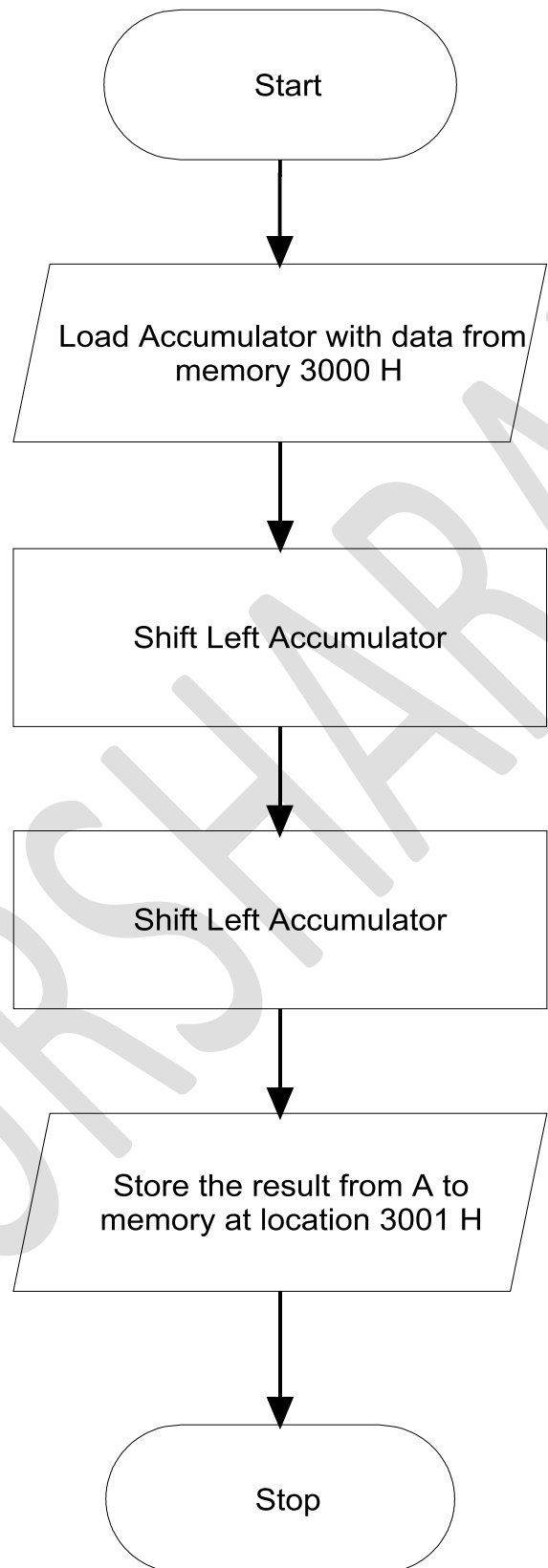


### Flow Chart to Shift Left 8-bit Number by 2 Bits



## Program to Shift Left 8-bit Number by 2 Bit

Address	Mnemonics	Operand	Opcode	Remarks
2000	LDA	3000 H	3A	Load A with data from 3000 H
2001			00	
2002			30	
2003	RAL		17	Shift Left Accumulator
2004	RAL		17	Shift Left Accumulator
2005	STA	3001 H	32	Store the result at location 3001 H
2006			01	
2007			30	
2008	HLT		76	Halt

### Before Execution:

3000: 05 H

### After Execution:

3001: 14 H