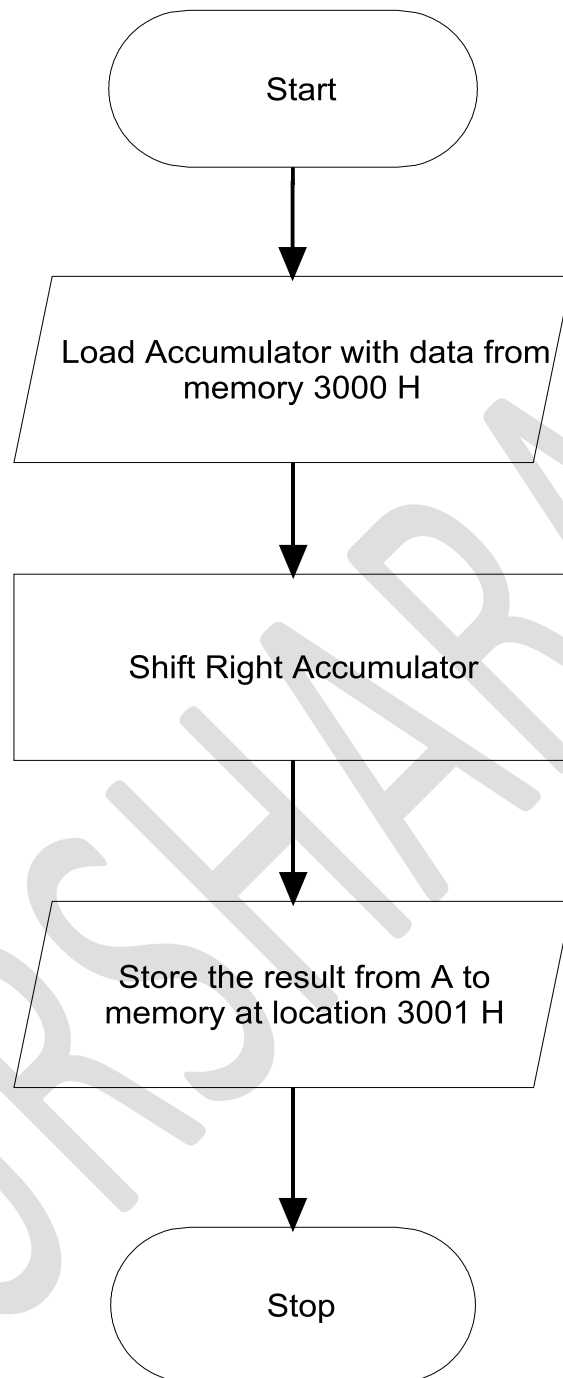


Flow Chart to Shift Right 8-bit Number by 1 Bit



Program to Shift Right 8-bit Number by 1 Bit

Address	Mnemonics	Operand	Opcode	Remarks
2000	LDA	3000 H	3A	Load A with data from 3000 H
2001			00	
2002			30	
2003	RAR		1F	Shift Right Accumulator
2004	STA	3001 H	32	Store the result at location 3001 H
2005			01	
2006			30	
2007	HLT		76	Halt

Before Execution:

3000: 05 H

After Execution:

3001: 02 H