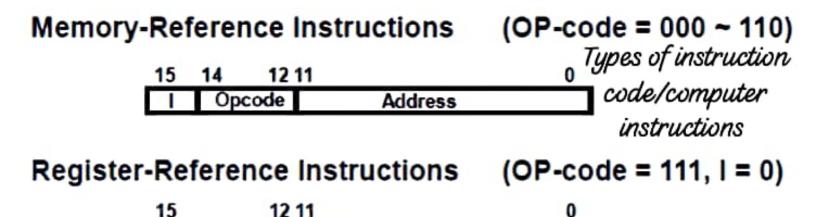
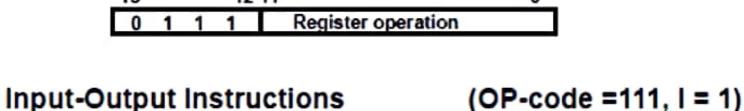
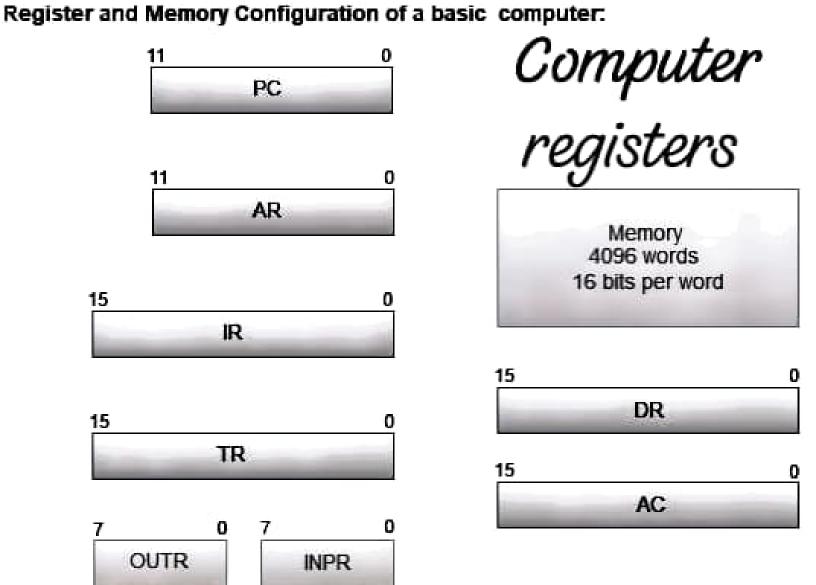


Figure Flowchart for instruction cycle (initial configuration).







BASIC COMPUTER INSTRUCTIONS

	Hex	Code		
Symbol	1=0	1=1	Description	
AND	0xxx	8xxx	AND memory word to AC	****
ADD	1xxx	9xxx	Add memory word to AC	Memory ref
LDA	2xxx	AXXX	Load AC from memory	111011001919
STA	3xxx	Bxxx	Store content of AC into memory	1
BUN	4xxx	CXXX	Branch unconditionally	Instruction
BSA	5xxx	Dxxx	Branch and save return address	
ISZ	6xxx	Exxx	Increment and skip if zero	
CLA	78	00	Clear AC	
CLE	7400 7200 7100 7080 7040 7020 7010 7008 7004 7002		ClearE	Register reference
CMA			ComplementAC	
CME			Complement E	
CIR			Circulate right AC and E	nafananaa
CIL			Circulate left AC and E	rejerence
INC			IncrementAC	
SPA			Skip next instr. If AC is positive	instructions
SNA			Skip next instr. If AC is negative	
SZA			Skip next instr. if AC is zero	
SZE			Skip next instr. if E is zero	
HLT	70	01	Halt computer	
INP	F800 F400		Input character to AC	Input/output reference
OUT			Output character from AC	, ,
SKI	F200		Skip on input flag	reference
SKO	F100		Skip on output flag	
ION	F080		Interrupt on	instructions
IOF	OF F040		Interrupt off	

