Rayat Shikshan Sanstha's

Name of the college : S.G.M. College, Karad.

Subject: Electronics.

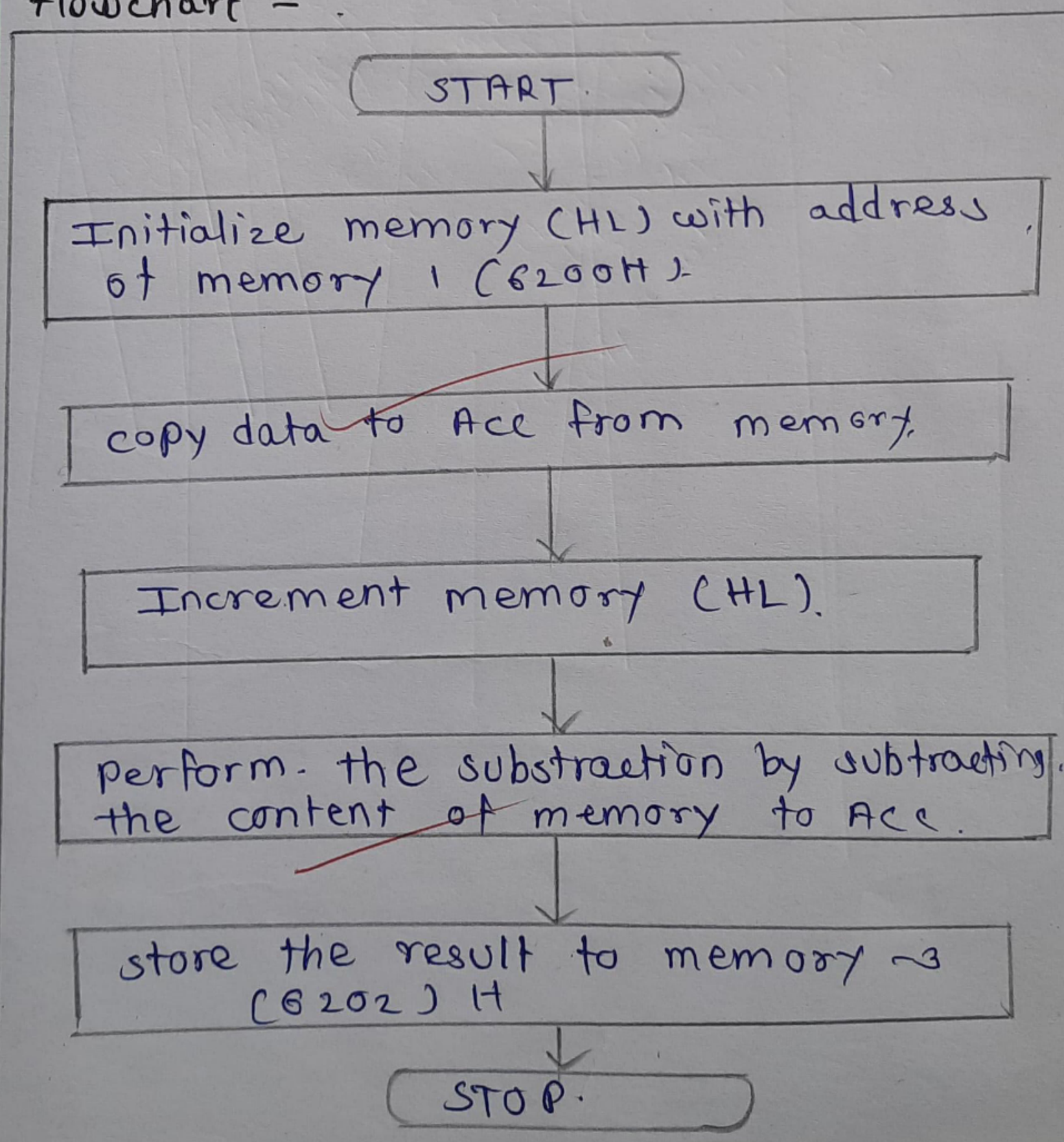
Expt. No. 7 | Name : [redacted] Class: BCS-II Batch: Roll No.: [redacted]

Date 26/09/2024 | Title of Expt.: substraction by using indirect Addressing mode.

Aim – study of ALP Program to substraction by using indirect addressing mode in 8085 µp.

Apparatus – Power supply, 8085 µp kit.

Flowchart –



Remarks

Signature

Expt. No. 7 Date: / / 20

Program -

Memory location	Mnemonic code	Machine code	comment.
6000H.	LXI HL, 6200H	21	load immidiate HL pair from
6001H		00	memory location 6200H
6002H.		62	
6003H.	MOV A,M	7E	Move data from memory to Acc.
6004H	INX, H.	23	Increment in HL pair
6005H.	SUB, A,M	96	substract memory from Acc.
6006H.	STA, 6202H.	32	store result into
		02	location 6202H.
		62	
		CF.	STOP.

Result -

Memory location	Data.
6200 H	09
6201 H.	01
Memory location	Data
6202H.	08