SQUARE OF NUMBER

EXP NO	D: 16			
AIM: To compute square of number using 8085 processor.				
ALGORITHM:				
1)	Load the base address of the array in HL register pair.			
2)	Assign accumulator as 0.			
3)	Load the content of memory location specified into register.			
4) registe	Add content of memory location with accumulator and decrement r content by 01.			
5)	Check if register holds 00, if so store the value of ulator in memory location.			

PROGRAM: LXI H,8000 XRA Α MOV B,M LOOP: ADD M DCR В JNZ LOOP STA 8001 HLT

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OUTPUT:

RESULT:

Thus the program was executed successfully using 8085 processor simulator.