Experiment No. 7

Write a program in 8086 microprocessor to find out the sum of even numbers in a given series of 8-bit numbers.

MOV SI, 500

MOV CL, [SI]

INC SI

MOV CH, 00

MOV AL, 00

X0   MOV BL, [SI]

TEST BL, 01

JNZ X1

ADD AL, BL

X1   INC SI

LOOP X0

MOV [600], AL

INT 03

INPUT: 01, 03, 04, 05, 02

OUTPUT: 06