

```
1 LDA 8500
2 MOV B,A
3 LDA 8501
4 MOV C,A
5 CPI 00
6 JZ LOOP
7 XRA A
8 LOOP1: ADD B
9 DCR C
0 JZ LOOP
1 JMP LOOP1
2 LOOP: STA 8502
3 RST 1
```

```
1 LDA 8501
2 MOV B,A
3 LDA 8500
4 MVI C,00
5 LOOP: CMP B
6 JC LOOP
7 SUB B
8 JMP LOOP
9 STA 8503
0 MOV A,C
1 STA 8502
2 RST 1
3
```