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Date:

5b. Subtraction of Two 16-Bit Numbers

PROGRAM

```
2000   MOV   SI, 3000
2003   MOV   DI, 4000
2006   MOV   AX, [SI]
2008   INC   SI
2009   INC   SI
200A   MOV   BX, [SI]
200C   SUB   AX, BX
200E   MOV   [DI], AX
2010   HLT
```

OUTPUT

SOURCE
```
3000   12
3001   34
3002   34
3003   12
```

DESTINATION
```
4000   DE
4001   21
```