

Program 4

Write ALP to load the Hexadecimal numbers 9BH and A7H I register D and E respectively, add the numbers. If sum is greater than FFH, display 01 at memory location 2050H otherwise display the sum.

```
MVI D, 9B H
MVI E, A7H
MOV A, D
ADD E
JNC DSPLY
MVI A, 01 H
DSPLY STA 2050H
HLT
```