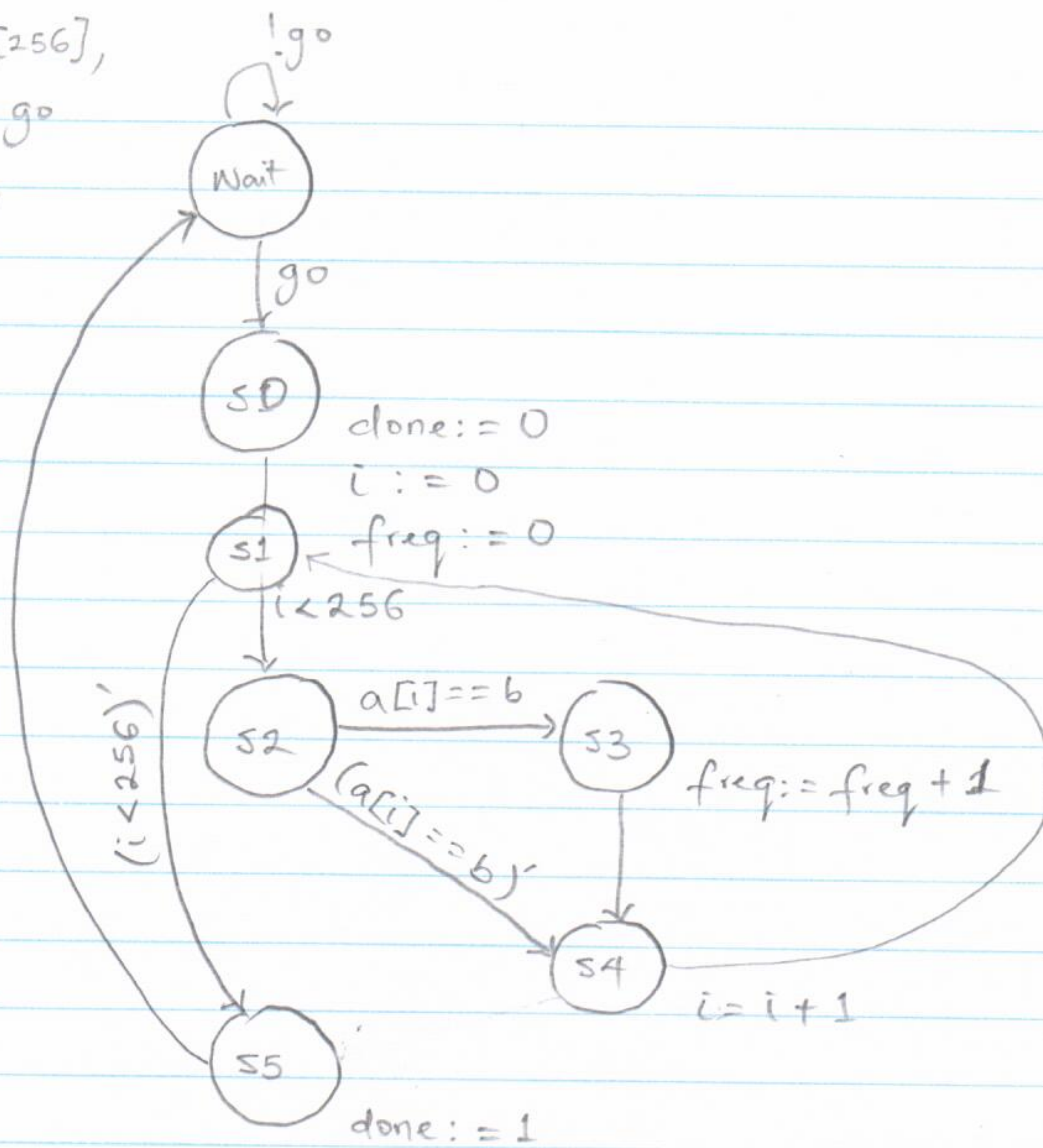


Exercise 1

Inputs: byte $a[256]$,
byte b , bit go
Outputs: byte $freq$,
bit $done$

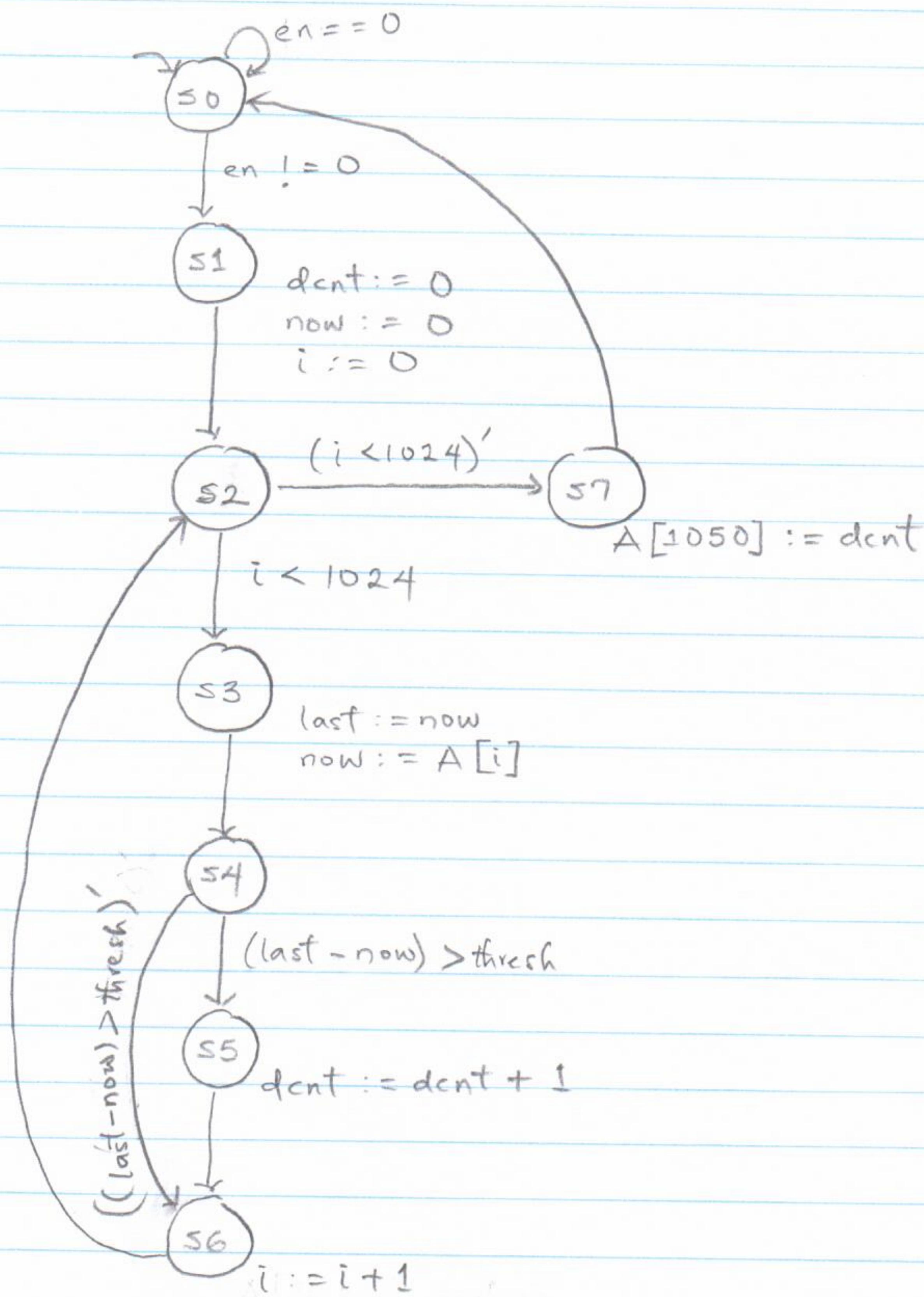


Exercise 2

input: en (8 bits), $A[i]$ (32 bits), $thresh$ (32 bits)

output: $A[i]$ (32 bits)

local reg: i (16 bits), $dcnt$ (16 bits), now (32 bits), $last$ (32 bits)



Exercise 3

