

(5 + 7)

3

Case 3:

if stack is empty \rightarrow mismatch
False

else

stack.pop \neq c \rightarrow mismatch

Loop finishes

if stack is empty \rightarrow match
True True

if stack is empty \rightarrow False
False

if len(stack) == 0:
return True

else:
return False

return len(stack) == 0
T

$$4_{10} \rightarrow 100_2$$

100

2	4	
2	2	0
	1	0

q

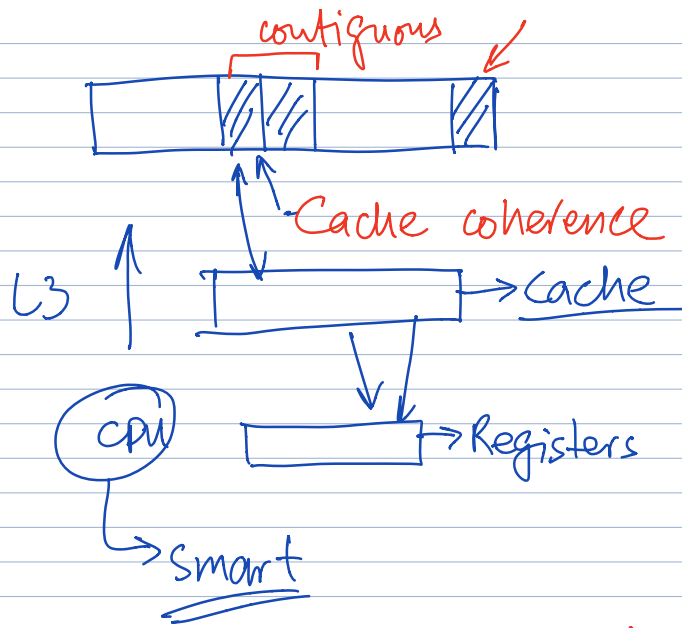
2	q	
2	4	1
	2	0
	1	0

1001

$n = 4$
 $\rightarrow n \% 2 = 0$
 $\rightarrow n // 2 = 2$

2	4	
2	2	0
2	1	0
	0	1

1001



pointer

new

