

Pl) Ilk & bit Tog 'dir. Sonraki Ki bit sehr numarosi yani a) linear. You togder Son 2 bit word dist.

TITITI -> 0001 000 + 000 + 000 + 000 +

Tog: 00010001

Line: 00010001000100

word: Of

999999 -> OTTO ONO OTTO OTTO OTTO OTTO

Tag: 01100110

Tive: 01100110011001

word: 10

BBBBBB - JOH JOH JOH JOH JOH JOH JOH

100 : TOTTTOTT

Tive: 70111011101110

Word: IL

EE E 999 > 111011101110 100+ 100+1001

(09:11101110

Line: 1110100+100+10

Word = OI

associative cache b) 11k 22 bit Tagidir. Someki 2 bit word dür. TITITI -> 000T 000+ 000+000+000+000+ Tag: 000+000+000+000+000 Ward: 101 999999 > 0170 0110 0110 0110 0110 0110 100:0110011001100110011001 Word: 10 BBBB > TOUTOUTOUTOUTOUTOU (100: 401/401/101/101/101/101/10 Word: 11 EEE 333 > 1700 1110 1110 7001 1001 Two-way Set Associative Word: Of e) ilk 9 bit Tog, 13 bit Set, 2 bit word dür. +CCO +CCO +CCO +CCO +CCO (+ 111111 040001000+0 Tive: 0010001000100 40: brown 966966 -) 011001100110011001100110 Tog: 00100100 Tive: MOON OOTTOOT Word: 10 BBBBB ->101170111011101110111011 -109:101111 = POJ-Line:0111011101110 Word: 11 EEE 999 >1110 MID (MO 1001 1001 709:11101119J Line:11010011001100110 TO: PLOM

Soru 4.

Byte odreslerebilir.

a) mm size = 216 B

Block size = 23 B

coche line size = 25 B

8 bits |sbits 18 bits | Tag | 18ets | 0AAsets

b) 0001000100011011 iain;

909:0001

Line: Osoll offsets: Oll

4 satir numorasi 3 de saklonir.

1100001100100001

Tug: 1100 0011

Line: 00110

offsels: 100

4) 4 de soldonir.

1101 10000 0001 1101 1410

Teg:11010000

Line:00011

Offsets : 101-

Sohr soyus 5 de seklenir.

1010 1010 1010 1010

Tog: 1010 1010

Line: 10101

0P4sets:0102

sorr 2 de saklonir.

CERRRRRR TH TH THE THE

- c) oos 1010 oos 1010 adresti boytin önbellekte depolendigini varsayolim. Diga depolenen boytların adrestari neladir.
 - 1101 1000 0101 1000.
 - CC11 1000 0101 1000
 - 1011 1000 0101 1000.
- d) onbellete toplom kay beyt bellet soldenabiling.

 Bellet boystu = Sohr Saysı X blok siee

 = 32 x 8

 = 256