## ZAVRENÍ ISPIT 2013/2014 ZADATAKA (NO BODOVA)

(30.1.2014)

RADAMA JE LISTA 32 BRUIL NEW ORDSXIH REFERENCI: 0x01, 0x86, 0x04, 0x01, . dox 1 62x0 1 25x0 1 20x0 1 1 XO 1 24 XO 1 20 XO 1 +8 XO

INAMO TRI PN = C1) 8CINDA 5=18 C2) 4LINGE 5=28 C3) 2(1) 6=48 PUNJEME LIMIJE = 25 PERIODA, TE PRISTUPI C1. 2, C2-3 i C3-5

SVETRI BRAUME PRVOCI m = 8, b = 18 = 1  $w(p) = log_2(\frac{b}{2}) = log_2(\frac{18}{18}) = 0$  w(0) = 26 w(0) = 26

STRUKTURA ADRETE

DAKLE PRISTUP! :

ADRESA OXOA = 2000 0000 0000 0000 0000 NUSEES PERINTAT VRISENE 0000 0000 0000 PROVATA 250+20 0×86 = 0000 0000 0000 0000 4000 0400 PRUMPIA 0000 0000 0000 0x04 = 0000 0000 DOOD NOA Oltop PROMAGAS 250-120 0000 0000 0x01 = 0000 01000 212-120 PROMATOR 0000 0000 0000 0000 OLAA 0000 4000 PROMISO 05+075 0x37 = 0000 PERMAGN 0000 100A NONO 2TA+2 A OX D5 = 0000 PROMPIA 520+50 DKA2 = 0000 0000 250+20 1 PROMPLY OKA 1 = 0000 0010 PRIMID 200+24 /2 2) 0000 0000 0x02 = 0000 0000 1100 250420 0000 0000 0000 PROMO O(BC = 0000 240+120 2 1001 PROVIN 0000 0000 0000 0000 0×25 = 0000 0200 0200 0200 DOCO MON 1324 OK DD = 0000

M=4, b=2B=) w(P)= looz(2)=1 } w(0)=32-3=25 DRUGO CZ STRUKTURA ADRESE L OBJAKA 1616

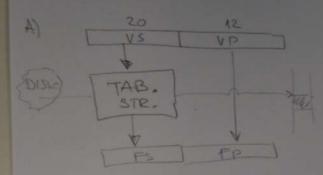
PRISTUPI: ADRESA  OXOA COODO GOOD COODO CO
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ZAVRENÍ ISPIT 2013/2014 BADATAKZ (W BUDOUA)

RAZ NATRAHO RACUUALO SA LOGICEIN ADIZESPINA OD 32811A, (30.1.2014) TE VIETUACION STRADICANA OD 4KiB, TE STRADIČNIM OPISNICIMA OD 4 B. PRETPOSTAVÍNO DA RAZULACO IZVODÍ DVA PROGNAMA PO 161B. ODREDITÍ KOLIČILU NENURUF ZA STRUKTURU :

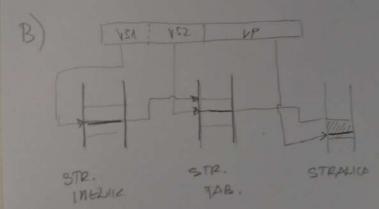
A) JEDNO PAZINSKO

B) DNO CASINSKO



12 . S=4KID =) VP=128/TA (212) 12 UP=12 BITA => FP=12 BITA 12 UP=12 ( W(UA)=32 => VS=2081/A 12 US=20 BITA =) TARLICA LINB (220)

PROSULANI KURISTE 26B =) 2.230 =) KURISTE 2.230 STRANG - 2.20 = 219 DAKLE KURISTINO 210 STRALICA, ALI TABLICA JE SUEFOLO 411B



12 W(VA)=32 | YP=12=> VS=20 12 256 =) VS1 = 8 13 VS1=8=> VS2=12 (2 USZ=1/2 =) TERKINA 2/2 UEZINA

PROSPANI KURISTE 2CIB => KURISTE 216 STRANTA => KURISTERO 29 (217) PARIA KOCIČILA NEN = 27.68+27.21.48-3.28+221=21=> VIŠE!! KORISTINO A INFLIK SA 27 ZAPISA!

## ZAVRSNÍ ISPIT 2013/2014 ZADATAK3 (10 BODONA)

(30,1.2014)

RAZ NATRANO TRI IMPCENEZITACUE ISTE ARHIVEKTURE.

PA	1.5642	SPI'A	CPIB	1000	usneukcysia
P2	2,0 6+12	2	2	4	900
P3	2.5 6+12	2	1	2	3
-			1 4	1 4	1

ZADAN JE PROGRAM SA 106 INSPRUKCIJA



P1) 
$$CP1_{x} = \frac{1}{10} \cdot 1 + \frac{2}{10} \cdot 2 + \frac{5}{10} \cdot 4 + \frac{2}{10} \cdot 4 = \frac{33}{10} = 313$$

P2) 
$$CA^{7}x = \frac{1}{10} \cdot 2 + \frac{2}{10} \cdot 2 + \frac{5}{10} \cdot 2 + \frac{2}{10} \cdot 3 = \frac{21}{10} = 211$$

P3) 
$$CPi_X = \frac{1}{10.3} \cdot \frac{2}{10.1} \cdot \frac{1}{10.1} \cdot \frac{24}{10.1} = \frac{24}{10} = \frac{24}{10} = \frac{24}{10}$$

NAJBEZA PZ, NAJSPOROA PA

BROJ TAKTOVA

P1) 0,022 × 4,5.109 = 3 300 000 TABTOUR P2) 0,010T+ 2,0.100 = 2 100 000 TAKIWA

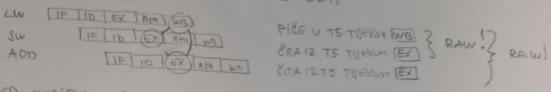
P3) 0,0103 × 215,109 = 2 700 000 TAKTOWA

ZAVRŠNÍ ISPIT 2013/2014 ZADMAK 4 (10 BODOVA) (30.1.2014)

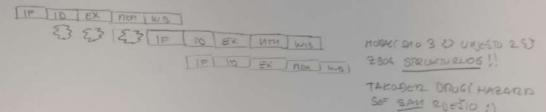
ZA PROCESOR ARHITERONRE MIPS, ZADAN JE SYEDEĆI NIE MISTR:

LW \$T5, -16 (\$T5) SW \$T5, -16 (\$T5) ADD \$T5, \$T5, \$T5

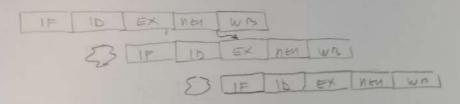
Y HOUSTROOF MISALLEAN (A



B) MODIFICIERTY - PISATI NEOPTINIBALI KOD BEZ PROSUPATURALY



C) MUDIFICIPLATI - PISATI MEDPTI MIRALI KOD SA PROSCHOTVANETA



## ZAVRŠNÍ ISPIT 2013/2014 ZADATAZ 5 (1030014) (30.1.2014)

RAZNOTRANO SLIEDECI 12012 & = s(F-E), PRI ČENU SU

RAPISITE VEKTORSKI KOD, FLO QU SOSTURLI VO-VA

KOJI NOGU PRINITI 8 SKALLED.

LO RO, #122(\$a) LO R1 \$a LO 22 35 LO 23 1\$C	// Linit JF \$a + 32X4 8  AREA PRETPOSTAVINO POPULANIA Fo-83
LOV VO, #0 (21) LOV V1, #32 (21) LOV V2, #54 (21) LOV V3, #34 (21)	Il Acteriationo LOU Vo, 4(ta)
LOV V4 1 # 0 (R2) LOV V5 1 # 32 (R2) LOV V6 1 # 64 (R2) LOV V7 1 # 91 (R2)	JUERANO TO B
SUBV VO1 VO1 V3 SUBV VX1 VA1 V4 SUBV V21 V21 VI SUBV V31 V31 V6	3 DOUBLING A-B
MUCUS VOI VOI \$5 MUCUS VXI VXI \$5 MUCUS VXI VXI \$5 MUCUS VXI VXI \$5	J WASSING SA S
STV V01#0(2) STV V1. #32 (2) STV V2.1#64 (2) STV V3.1#96 (3)	3 STOREMO NA SC

ZA POJEDNOSTA VLJEDI NODEZ CISC PROCESOKA, TE ZA TZV.
111/LITTZE "ELDIAN MENA POHRANE PODETAKA, PRIKAZITE
STANF NA VANJSKIN SABÍ PLICAMA ZA:

\$ 1320 : LDA \$ 1324 11 OP. COOF 34 STA \$31 42 11 00. COOF AZ

## SADREAJ NEMORIJE

a secrification	
\$1320 34	1
\$1321 13	3 1320 34
31322 24	\$ 1321 24
\$1323 AZ	- 1 BZZ 13
\$1324 31	\$ 1323 AZ
\$1325 42	\$ 1324 42
	\$ B25 31
+ \$ 2142 xx	\$ \$3142 XX
	3 7

"BIG" DIDIAN (STALGARDAN) "LITTLE" GROIAN

			\$1322	5 rsau	thes.	\$1324	1/125 1/125	\$3142
			13	42	AL	42	31	42
PC PC	1321	PAR XXIII	1323	4323 4324	1324	1327	1324	4326
IR PO		34 1×	36		44	F12.	44	A2 44
A		1.1	41	42	42	42		EYEL