Nirodaos Avasvijorov 03191818 12 oripa ao un orunu Ao unon 1

addi \$to,\$0, 4 # to=i
addi \$ti,\$0,400 #ti= 400
for:

A) # Sai Sieuduum Barns A Saz Sieuwum Parns B

beg \$ to \$t1, done add \$t3,\$t0, - 4 add \$t4,\$t3,\$a1 Iw \$t5, O(\$t4) #t5=A[i-1] add \$t6,\$t0,\$a2 Iw \$t7,O(\$t6) #t7 = B[i] add \$t8,\$t7,\$t5 #t8 = A[i-i]+B[i] add \$t9,\$a1,\$t0#t9=ACi] sw \$t8,O(\$t9) #A[i]=A[i-1]+B[i]

addi \$to,\$to,4

done:

B) Jao > Sievo Bdons nivara avepains Sai → réseθos nivava Merayp Kowsiums OE C Formans Jai = n kal A o nivakas: int b=A[o]; int i=0; while (i = n) { i += 1jc = A[i]; if (c < b) continue; else b = c

Aoknon 9

Eστω ότι \$ao = τη προσημοστίνος αριθνός και \$ vo το αποιέλεστα

Bitcount:

addi \$5p,\$5p,-4 sw \$ra,0(\$5p)

li \$to,0 beg \$ao,\$zero,end_bitcount

1000: andi \$t1,\$a0,0x1 add \$t0,\$t0,\$t1 Srl \$a0,\$a0,1 bne \$a0,\$zero,1000

end_bitcount:
1w \$ra, 0(\$sp)
addi \$sp, \$sp, 4
move \$vo, \$to
jr \$ra