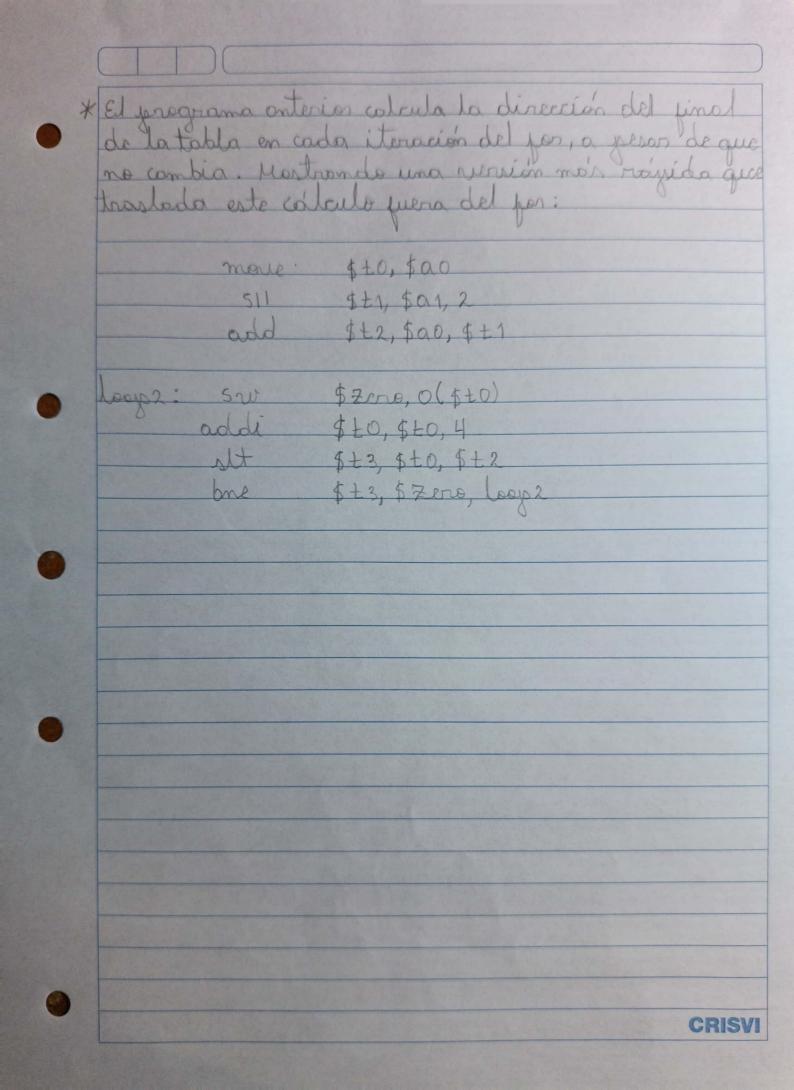
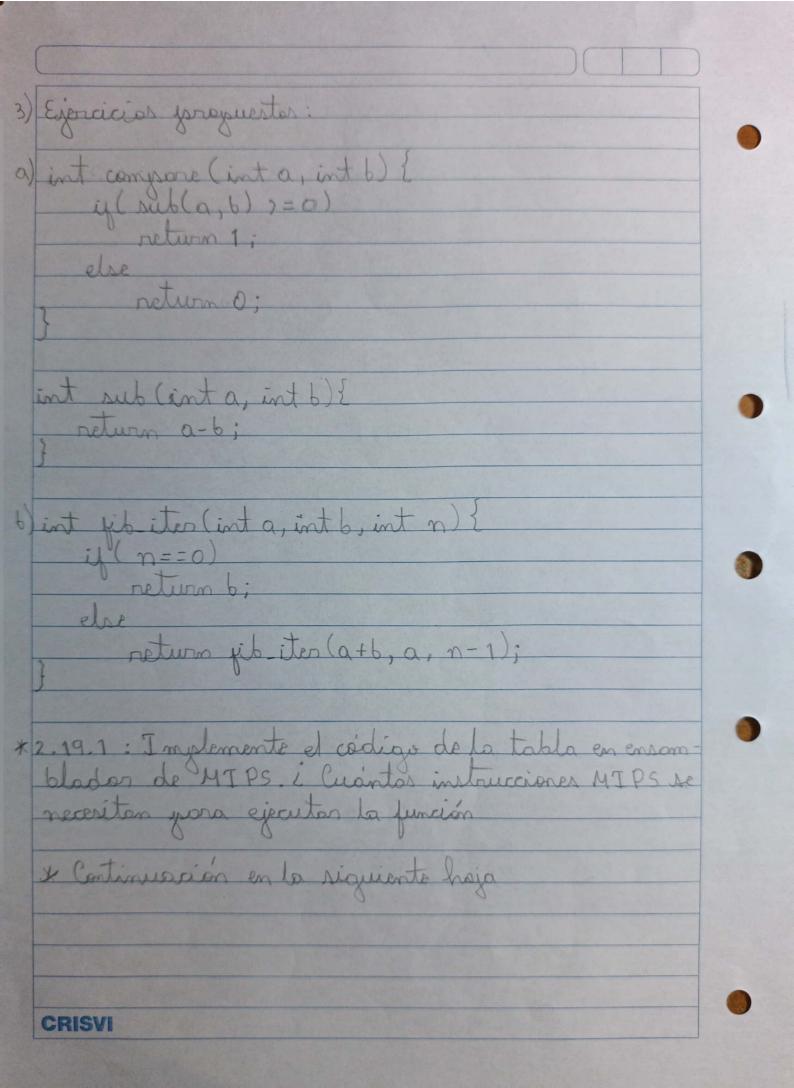


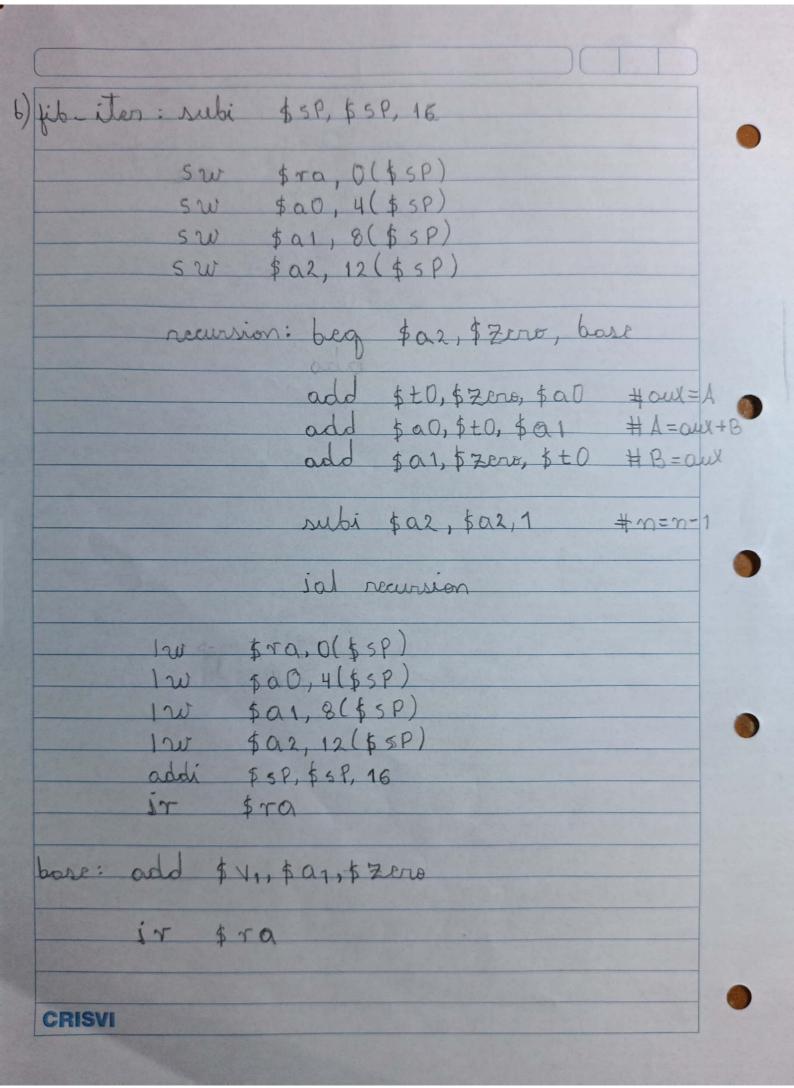
postat: sit \$ to, \$50, \$53 be9 \$40, \$2000, exit1 addi \$51,\$50, -1 Josets: sti \$10, \$51,0 bne \$ to, \$ 2 eno, exit 2 511 \$t1,\$51,2 add \$ + 2, \$ 52, \$ + 1 12 \$t 3, 0(\$t2) 12 gt4, 4(\$t2) st \$ t0, \$ t4, \$ t3 beg \$t0,\$zero, exit2 more \$0, \$52) Poso de parame more \$a1, \$51 addi \$51,\$51,=1 exit 2: addi \$50, \$50, 1 } exit 1: 12 \$50,0(\$5P) In \$51, 4(\$5P) IN \$52, 8(\$5P) 12 \$53, 12 (\$ 5P) IN \$70, 16(\$5P) addi \$5P, \$5P, 20 I Retorno del procedimiento CRISVI ir tra

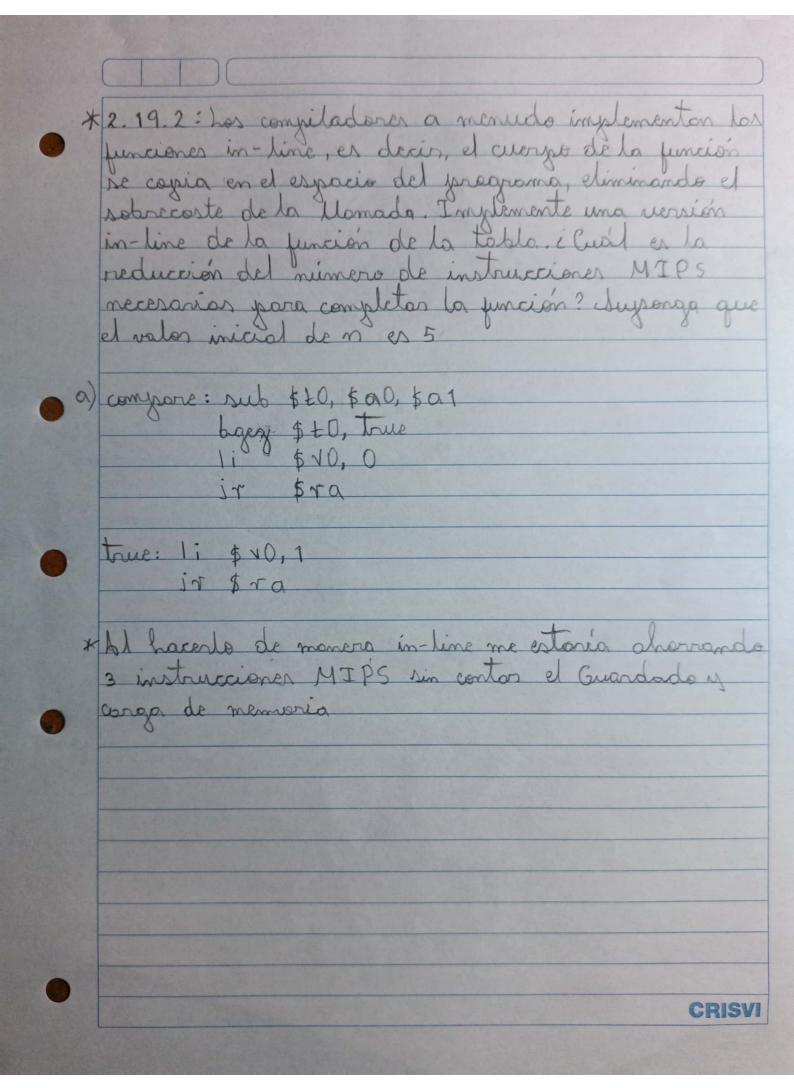
| Ejencido nesu | elto 2.14: Toblas frente a guarteros |
|---|---|
| | table a cores utilizando indices: |
| moue | \$ 60, \$ 200 |
| | |
| loop 1: 511 | \$t1,\$t0,2 |
| add | \$t2,\$00,\$t1 |
| SW | \$7eno,0(\$\frac{1}{2}) |
| oddi | \$to, \$to, 1 |
| tla | \$±3,\$±0,\$0,1 |
| bne | \$13, \$7eno, loop 1 |
| nicializar una | table a ceros utilizando punteros |
| | table a ceros utilizando punteros e \$60,\$00 |
| more | |
| mone sop 2: 5 ru oddi | e \$ to,\$ ao \$ zero, 0(\$to) \$ to,\$ to,4 |
| more song 2: 5 rur oddi | \$ \$ \(\psi \), \$ \(\pa \) \\ \$ \(\psi \), |
| more soy 2: 5 ru oddi odd | \$ \$\frac{\$\pma_0(\\$\pma_0)}{\$\pma_0(\\$\pma_0)}\$\$\$ \$\pma_0(\\$\pma_0)\$\$\$ \$\pma_0(\\$\pma_0)\$\$ \$\pma_0(\\$\pma_0)\$ \$\pma_0(\\$\pma_0)\$\$ \$\pma_0(\\$\pma_0 |
| more son | e \$ \(\dagger \) \(\dagger \ |
| more soy 2: 5 ru oddi odd odd odd odd odd odd | \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo, \pmo(\\$\pmo)}\$\$ \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo}, \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo}, \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo |
| more son | e \$ \(\dagger \) \(\dagger \ |
| more soy 2: 5 ru oddi odd odd odd odd odd odd | \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo, \pmo(\\$\pmo)}\$\$ \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo}, \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo}, \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo |
| more soy 2: 5 ru oddi odd odd odd odd odd odd | \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo, \pmo(\\$\pmo)}\$\$ \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo}, \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\frac{\$\pmo, \pmo(\\$\pmo)}{\pmo}, \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo)}\$\$ \$\pmo(\\$\pmo), \pmo(\\$\pmo), \pmo(\\$\pmo |

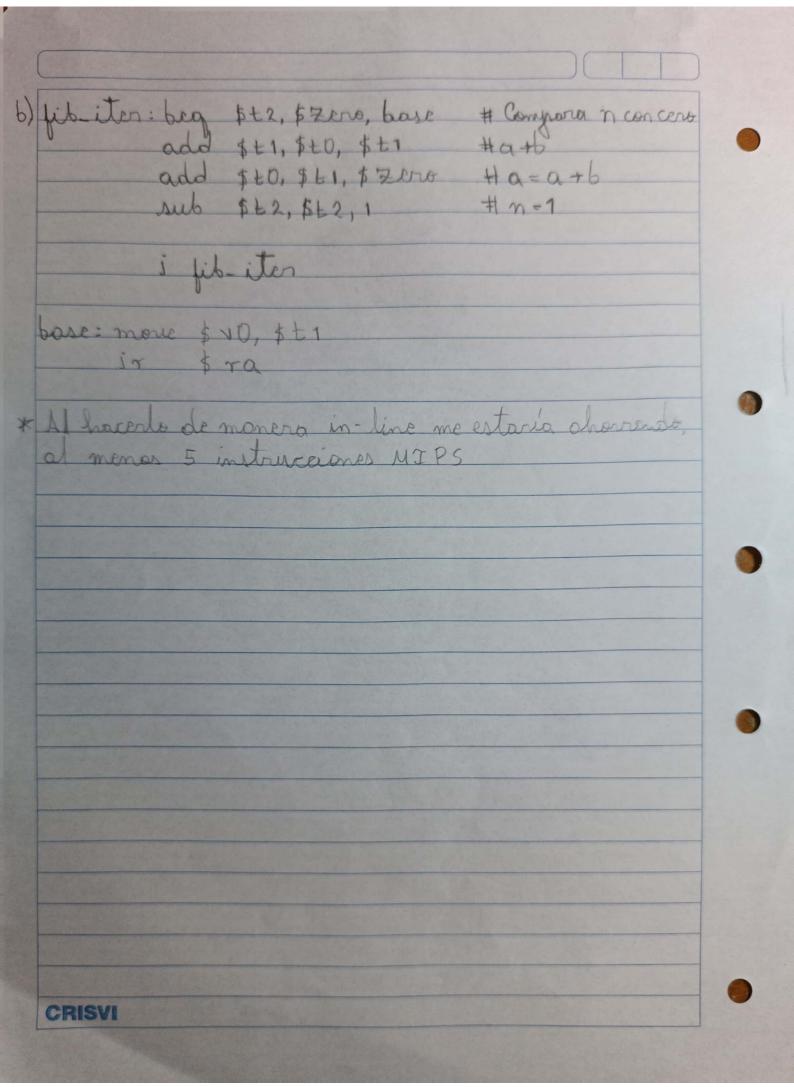


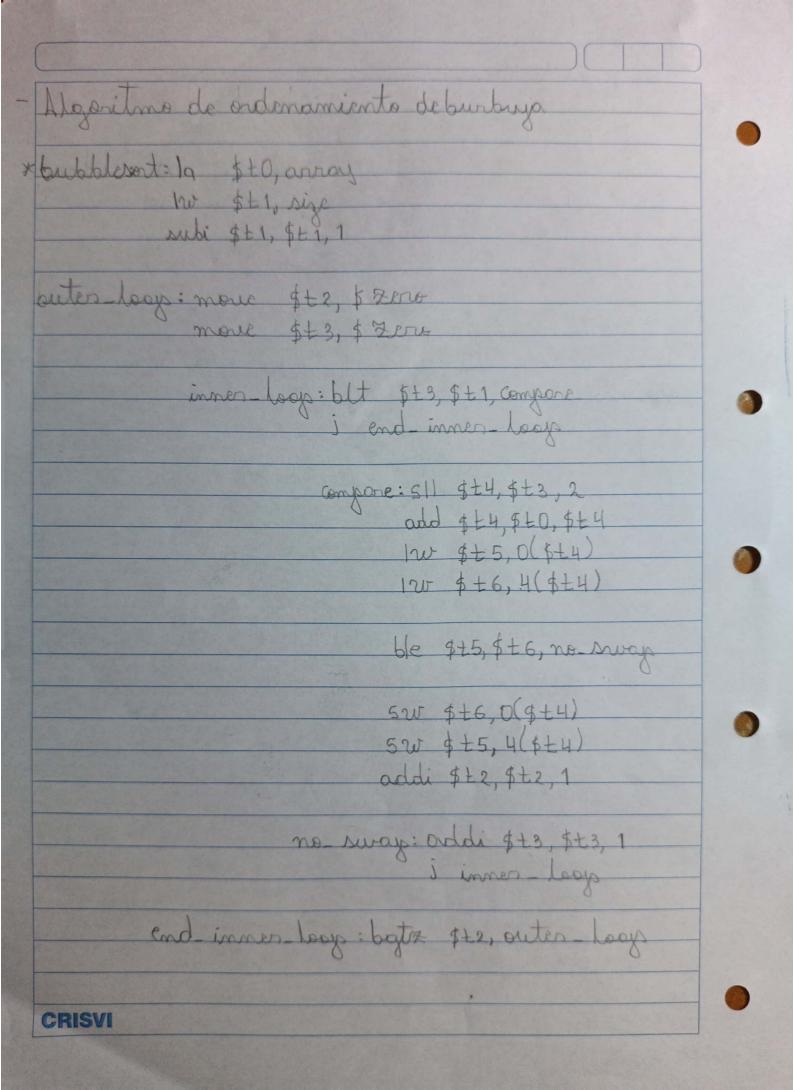


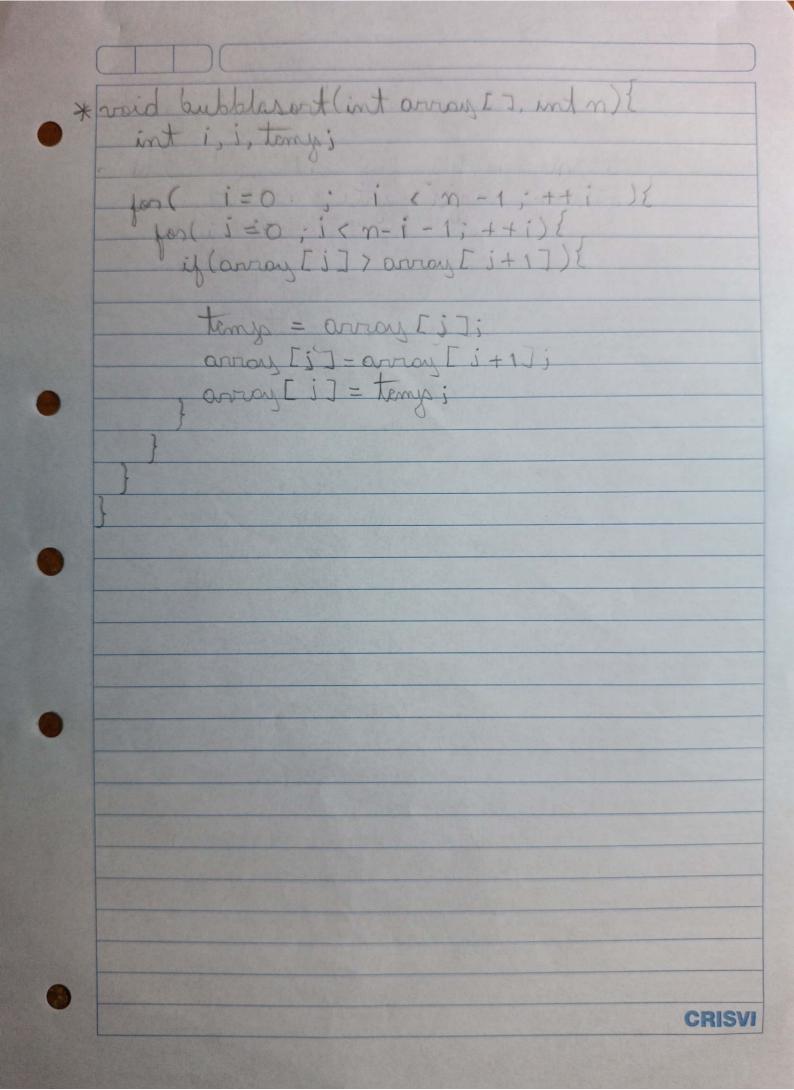
| | COLL | \$ra, O(\$3P) | |
|-------|------|----------------------------|--|
| 10000 | | \$a0, 4(\$SP) | |
| | | \$a1,8(\$SP) | |
| | ial | dua | |
| | addi | \$t0, \$v0, 1 | |
| | sgt | \$10,\$t0,\$Zero | |
| | Iw | 5ra, O(\$sp) | |
| | | \$a0, 4(\$SP) | |
| | 120 | \$a1, 8(\$5P) | |
| | oddi | \$5P, \$5P, 12 | |
| | oddi | \$ ± 0, \$ 7 eno, \$ 7 eno | |
| | ir | şra | |
| sub: | dua | \$10,\$00,\$01 | |
| | jr | \$ra | |











| 9 | de insertion | | | • |
|--------------|--------------|--|---------------------------|----|
| trasmitrasmi | tila sal | O. array | | |
| | | | # base is \$0 | |
| | oddi st | 0, \$0, 1 | # i=1 | |
| | outer lacy | : slt | \$t3, \$t0, \$a1 #rize is | to |
| | 0 | AND ADDRESS OF THE PARTY OF THE | \$ t 3, \$ 0, exit | |
| | | beg | \$ t 4, \$ t 0, 2 # i* 4 | |
| | | bko | \$ tu, \$ tu, \$ a 0 | |
| | | Iw | 9+5,0(\$t4) #t5 = a[i] | 1 |
| | | addi | \$£1, \$±0, -1 # j=±1=i-1 | |
| | | | | |
| | inner loop: | slt | \$±4, \$±1, \$0 | |
| | 0 | bne | \$+4, \$0, exitimoralson | 60 |
| | | SII | \$±4, \$±1, 2 | |
| | | bao | \$4, \$4, \$00 | |
| | | 12 | 9±4,0(\$±4) #a[j] | |
| | | sit | \$t6, \$t5, \$t4 | |
| | | beg. | \$16,50, exitimnentos | |
| | | ikho | \$46,\$t1,1 | |
| | | 511 | \$±6, \$±6, 2 | |
| | | bbo | \$16, \$16, \$a0 | |
| | | SW | \$t4,0(\$t6) | |
| | | ibbo | \$t1, \$t1, -1 | |
| | | i | yool-rumi | |
| | | | | |

