

CÓDIGO TESTE DE INSTRUÇÕES:

```
nop
addi r1, r2, 3      # r1 <= r2 + 3
show r1
addi r2, r2, 3      # r2 <= r2 + 6
show r2
add r3, r2, r1      # r3 <= r2 + r1
show r3
sub r4, r2, r1      # r4 <= r2 - r1
show r4
and r5, r4, r1      # r5 <= r4 and r1
or r6, r4, r1       # r6 <= r4 or r1
xor r7, r4, r1      # r7 <= r4 xor r1
not r8, r2          # r8 <= not r2
sll r9, r2, r4      # r9 <= r2 << r4
show r9
srl ra, r2, r4      # ra <= r2 >> r4
show ra
ori rb, r2, 3       # rb <= r2 or 3
xori rc, r2, 3      # rc <= r2 xor 3
addi rd, r2, 2      # rd <= r2 + 2
show rd
show r2
jump E              # E: IP + 1
Branch re, r5, r5
Halt                # IP <= IP + 0
```