



基础指令 Def = Use (op Use) +

1. + - * / % << >> & | ^ addi

add rd, rs1, rs2

2. B-type

bne rs1, rs2, rd (.xxx-block)

3. Call

call rd (xxx)

4. Jump

j rd (.xxx-block)

5. La (Load address)

la rd, rs1 rd = rs1

6. Li

li rd, rs1 (233) reg[rd] = rs1

7. Load

lw rd, offset (rs1) rd = rd[offset + rs1 + 0] ... rd[offset + rs1 + 3]

8 Move

mv rd, rs1 reg[rd] = reg[rs1]

9. == 0 && != 0

seqz rd, rs1 reg[rd] = reg[rs1] == 0

sngz rd, rs1 reg[rd] = reg[rs1] != 0

10. Return

ret

11. Store

sw rd, offset (rs1) lw 反操作

