| add \$50,\$t0,\$t2 op rs rt rd growt funct a) b) c) ci) e) d) a) op - operation code b) rs - source register c) rt - source register d) rd - destination register e) shart - only used for shift operations f) funct - field for the r-type instruction | | fm | 1 | 1 | | | | | | | |
|---|-----|---------|---------|---------|--------|--------|-------|---------|----------|---------------------------|---|
| a) b) c) c) e) d) a) op-operation code b) rs-source register c) rt-source register d) rd-clest mation register e) shamt-only used for suft operations | | | id m | achine | coc | de fo | or in | structu | in: | | |
| a) b) c) cl) e) d) a) op-operation code b) rs-source register c) rt-source register d) rd-destination register e) shamt-only used for suft operations | | | add | \$ 50, | ,\$to, | \$t2 | | | | 1.3 | |
| a) op-operation code b) rs-source register c) rt-source register d) rd-destination register e) shamt-only used for smit operations | | | | ор | rs | ct | 63 | snowt | fund | | |
| b) 13 - source register c) rt - source register d) rd - destination register e) sharet - only used for shift operations | | | | a) | 6) | (a) | (d) | e) | 3) | | |
| c) rt - source register d) rd - destination register e) shamt - only used for smit operations | | a) op | - opera | ation | code | | (4) | | | | |
| e) shamt - only used for smit operations: | - 3 | | | | | | 150 | | | | |
| | | d) (d. | - dest | ination |) rec | E . | No. | 1 | 25012 | eu : | 4 |
| -j) funct - field for the r-type instruction | | | | | | | | | | | • |
| | | f) tunc | t - | -Jield | for | the | r-tyr | e in | Stuction | <i>γ</i> . | |
| Exercise A: | | Exe | rcise | A : | | 25 000 | a | | | | 43 |
| op rs rt rd mant finct | | | | | × | | | | | | |
| # 50b 151, 551, 5tes 000000 (1000) 01101 (1000) 00000 (100010) | | 506 | b s 1 , | \$51,4 | t5 | 000000 | | | 17 | | |
| 5W \$54, (\$t8) (10/011/11000/10100/10000 0000 0000 000 | | รพ \$ | 34, (| (\$t8) | | 401011 | | | 10000 | | 00000 |
| 100011 10011 01110 0000 0000 0100 1000 | | 100 \$ | t6, 7 | 2(\$53 |) | 100011 | L | | 0000 | and the state of the same | 2, 1000 |
| addi \$57,556, -16 001000 10110 10111 1111 1111 1111 0000 | | addi \$ | 57 , | 56, - | 16 | ∞1∞ | 10110 | | mi | 111 1111 | 0000 |
| 22 23 -14 | | | | , | | | 22 | 23 | | -16 | |