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| --- | --- | --- | --- | --- | --- | --- |
| 意义 | Op 10 | rs | rt | rd/immediate |  | 结果 |
| Add.s32 $1,$0,1 | 1000000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 1$1 = 1 |
| Add.s32 $1,$0,1 | 1000000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 2$1 = 1 |
| Add.s32 $1,$0,1 | 1000000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 3$1 = 1 |
| Add.s32 $1,$0,1 | 1000000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 4$1 = 1 |
| sub.s32 $1 $0 1 | 1100000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 5$1 = -1 |
| sub.s32 $1 $0 1 | 1100000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 6$1 = -1 |
| sub.s32 $1 $0 1 | 1100000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 7$1 = -1 |
| sub.s32 $1 $0 1 | 1100000001 | 0000000000 | 0000000001 | 0000000000 00000000000 00000000001 | 00 | 8$1 = -1 0 |
| Add.s32 $2, $1, $1 | 1000000000 | 0000000001 | 0000000001 | 0000000010 00000000000 00000000000 | 00 | 1$2 = 2 |
| Add.s32 $2, $1, $1 | 1000000000 | 0000000001 | 0000000001 | 0000000010 00000000000 00000000000 | 00 | 2$2 = 2 |
| Add.f32 $6, $0, 1.5 | 1000000011 | 0000000000 | 0000000110 | 0 01111111 10000000000000000000000 | 00 | 3$6 = 1.5 |
| Add.f32 $6, $0, 1.5 | 1000000011 | 0000000000 | 0000000110 | 0 01111111 10000000000000000000000 | 00 | 4$6 = 1.5 |
| Add.f32 $6, $0, 1.5 | 1000000011 | 0000000000 | 0000000110 | 0 01111111 10000000000000000000000 | 00 | 5$6 = 1.5 |
| sw.shared $6, $0, 0 | 1010000000 | 0000000000 | 0000000110 | 0000000000 00000000000 00000000000 | 00 | $6 -> [0] |
| sw.shared $6, $1, 3 | 1010000000 | 0000000001 | 0000000110 | 0000000000 00000000000 00000000011 | 00 | $6 -> [4] |
| sw.shared $6, $1, 63 | 1010000000 | 0000000001 | 0000000110 | 0000000000 00000000000 00000111111 | 00 | $6 -> [64] |
|  |  |  |  |  |  |  |
| mul.s32 $4, $2, $2 | 1110000000 | 0000000010 | 0000000010 | 0000000100 00000000000 00000000000 | 00 | 1$4 = 4 |
| mul.s32 $4, $2, $2 | 1110000000 | 0000000010 | 0000000010 | 0000000100 00000000000 00000000000 | 00 | 2$4 = 4 |
| mul.f32 $7, $6, $6 | 1110000010 | 0000000110 | 0000000110 | 0000000111 00000000000 00000000000 | 00 | 3$7 = 2.25 |
| Bar.sync d | 1111111110 | 0000010100(20) | 0000000000 | 0000000000 00000000000 00000000000 | 00 | Syn thread |
| lw $5, $0, 0 | 1010000001 | 0000000001 | 0000000101 | 0000000000 00000000000 00000000001 | 00 | 1$5<-[0] |
| lw $5, $0, 0 | 1010000001 | 0000000001 | 0000000101 | 0000000000 00000000000 00000000001 | 00 | 2$5<-[0] |
| lw $5, $1, 3 | 1010000001 | 0000000001 | 0000000101 | 0000000000 00000000000 00000000001 | 00 | 3$5<-[4] |
| lw $5, $1, 63 | 1010000001 | 0000000001 | 0000000101 | 0000000000 00000000000 00000111111 | 00 | 4$5<-[64] |
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