Exercício em aula:

1. Add/sub/and/or - tipo R:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Branch | ALUScr | ALUOp | MemRead | MemWrite | MemToReg | RegWrite |
| 0 | 0 | 10 | 0 | 0 | 0 | 1 |

1. lw – tipo I:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Branch | ALUScr | ALUOp | MemRead | MemWrite | MemToReg | RegWrite |
| 0 | 1 | 00 | 1 | 0 | 1 | 1 |

1. sw - tipo S:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Branch | ALUScr | ALUOp | MemRead | MemWrite | MemToReg | RegWrite |
| 0 | 1 | 00 | 0 | 1 | X | 0 |

1. beq – Tipo B:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Branch | ALUScr | ALUOp | MemRead | MemWrite | MemToReg | RegWrite |
| 1 | 0 | 01 | 0 | 0 | X | 0 |