Homework4

Parker Gabel

<2019-03-25 Mon>

1 Problem 1

Instruction	ALUsrc	aluOp	bInv	B	J	MemWrite	MemRead	MemToReg	RegDst	RegWrite
ADD	0	2	0	0	0	0	0	0	1	1
ADDI	1	2	0	0	0	0	0	0	0	1
SW	1	0	0	0	0	0	1	1	0	1
BEQ	0	0	0	1	0	0	0	x	x	0
SUB	0	2	1	0	0	0	0	0	1	1
ANDI	1	0	0	0	1	1	1	0	1	1
J	1	3	0	1	1	1	1	x	1	0
LW	1	0	1	1	0	0	0	x	0	0
SLT	1	4	1	1	1	0	0	x	0	0

2 Problem 2

2.1 2(g)

```
int foo = 3;
char* caseIsImportant = calloc(4, sizeof(char));

printf("%c", caseIsImportant[foo]);
```

2.2 2(h)

```
for(int i = 100; i < $s7; i--) {
    printf("%d\n", i);
}
```