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Tree: 1f06f3751d ▼

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1f06f37 on 7 Jun

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57 lines (41 sloc) 647 Bytes

```
1  .text
2  main:
3      #-----
4      # Basic tests
5      #-----
6
7  test_2:
8      lui x1, 0x00000
9      li x29, 0x00000000
10     li gp, 2
11     bne x1, x29, fail
12
13
14  test_3:
15     lui x1, 0xfffff
```

```
16  srai x1,x1,1
17  li x29, 0xffffffff800
18  li gp, 3
19  bne x1, x29, fail
20
21
22  test_4:
23  lui x1, 0x7ffff
24  srai x1,x1,20
25  li x29, 0x000007ff
26  li gp, 4
27  bne x1, x29, fail
28
29
30  test_5:
31  lui x1, 0x80000
32  srai x1,x1,20
33  li x29, 0xffffffff800
34  li gp, 5
35  bne x1, x29, fail
36
37
38
39  test_6:
40  lui x0, 0x80000
41  li x29, 0
42  li gp, 6
43  bne x0, x29, fail
44
45  pass:
46  li a0, 42
47  li a7, 93
48  ecall
49
50  fail:
51  li a0, 0
52  li a7, 93
53  ecall
54
55
56
```