

```
addi sp,sp,-224
sd s1,200(sp)
sd s3,184(sp)
sd s5,168(sp)
fsd fs0,120(sp)
fsd fs1,112(sp)
fsd fs3,96(sp)
fsd fs4,88(sp)
fsd fs8,56(sp)
sd ra,216(sp)
sd s0,208(sp)
sd s2,192(sp)
sd s4,176(sp)
sd s6,160(sp)
sd s7,152(sp)
sd s8,144(sp)
sd s9,136(sp)
fsd fs2,104(sp)
fsd fs5,80(sp)
fsd fs6,72(sp)
fsd fs7,64(sp)
fsd fs9,48(sp)
fsd fs10,40(sp)
0x819f998b
mv s1,a0
mv s5,a1
sd zero,0(s3)
jal ra,29e8 <start_time>
```

No Jump	Jump
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```
addi sp,sp,-32
sd s0,24(sp)
addi s0,sp,32
mv a5,a0
sw a5,-20(s0)
addi a5,a5,1
sw a5,-20(s0)
addi a0,a5,720 # 1c2d0 <_clzdi2+0x3a>
jal ra,1033c <printf>
```

No Jump	Jump
---------	------

```
mv a0,a5
ld s0,22(sp)
addi sp,sp,32
ret
```

66364

```
auipc a2,0x202
fld fs3,-1752(a2) # 2019b8 <_digits+0x1e8>
auipc a2,0x202
fld fs1,-1752(a2) # 2019c0 <_digits+0x1f0>
fmv.d fs4,fs3
fmv.d fs0,fs3
fmv.d fs8,fs1
blez s1,1d0 # <whetstos.constprop.0+0x180>
```

No Jump	Jump
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```
li a4,0
auipc a2,0x202
fld fa3,-1770(a2) # 2019c8 <_digits+0x1f8>
lui a3,0x3
```

```
addi a5,a3,-288 # 2ee0 <log+0x168>
fadd.d fa4,fs0,fs8
addi a5,a5,-4
fadd.d ft0,fa4,fs4
fsub.d ft1,ft0,fs3
fmul.d ft2,ft1,fa3
fadd.d fa5,ft2,fs0
fsub.d ft3,fa5,fs4
fadd.d ft4,ft3,fs3
fmul.d ft5,ft4,fa3
fsub.d fa2,ft5,fs4
fsub.d fa0,ft5,ft2
fadd.d ft6,ft5,ft2
fadd.d ft7,fa2,fs4
fadd.d fs0,ft7,fs3
fmul.d fa6,fs0,fa3
fadd.d fa1,fa0,fa6
fadd.d fa7,ft6,fa6
fadd.d fs2,fa1,fs3
fmul.d fs3,fs2,fa3
fsub.d fs4,fa7,fs3
fmul.d fs5,fs4,fa3
fadd.d fs6,fs5,ft5
fsub.d fs7,fs6,fa6
fadd.d fs8,fs7,fs3
fmul.d fs9,fs8,fa3
fsub.d fs10,fs5,fs9
fsub.d ft8,fs9,fs5
fadd.d ft9,fs9,fs5
fadd.d ft10,fs10,fa6
fadd.d ft11,ft10,fs3
fmul.d ft0,ft11,fa3
fadd.d ft1,ft8,ft0
fadd.d fa4,ft9,ft0
fadd.d ft2,ft1,fs3
fmul.d ft3,ft2,fa3
fsub.d fa5,fa4,ft3
fmul.d ft4,fa5,fa3
fadd.d ft5,ft4,fs9
fsub.d fa2,ft5,ft0
fadd.d fa0,fa2,ft3
fmul.d ft6,fa0,fa3
fsub.d ft7,ft4,ft6
fsub.d fs0,ft6,ft4
fadd.d fa6,ft6,ft4
fadd.d fa1,ft7,ft0
fadd.d fa7,fa1,ft3
fmul.d fs2,fa7,fa3
fadd.d fs3,fs0,fs2
fadd.d fs4,fa6,fs2
fadd.d fs5,fs3,ft3
fmul.d fs6,fs5,fa3
fsub.d fs7,fs4,fs6
fmul.d fs8,fs7,fa3
fadd.d fs9,fs8,ft6
fsub.d fs10,fs9,fs2
fadd.d ft8,fs10,fs6
fmul.d fs0,ft8,fa3
fsub.d ft9,fs8,fs0
fsub.d ft10,fs0,fs8
fadd.d ft11,ft9,fs2
fadd.d ft0,ft11,fs6
fmul.d fs4,ft0,fa3
fadd.d ft1,ft10,fs4
fadd.d fa4,fa1,fs6
fmul.d fs3,fa4,fa3
bnez a5,c0 # <whetstos.constprop.0+0x70>
addi a4,a4,1
fsub.d fa3,fs1,fa3
bne a4,s1,bc # <whetstos.constprop.0+0x6c>
```

No Jump	Jump
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```
0x801f9b0b
fsd fs8,8(sp)
jal ra,2a10 <end_time>
```

No Jump	Jump
---------	------

```
nop
fld ft2,0(s6)
auipc a2,0x202
fld ft3,-2032(a2) # 2019f0 <_digits+0x220>
0x829f9a0b
fdiv.d ft4,ft2,ft3
fld ft5,0(s3)
fld fa5,0(s4)
0xfa1b990b
lhu t1,0(s2)
lhu a7,2(s2)
lhu a6,4(s2)
lhu a0,6(s2)
lhu a1,8(s2)
lhu a2,10(s2)
lhu t0,12(s2)
lhu t2,14(s2)
lhu s7,16(s2)
0x849f940b
sh t1,90(s0)
sh a7,92(s0)
sh a6,94(s0)
sh a0,96(s0)
sh a1,98(s0)
sh a2,100(s0)
sh t0,102(s0)
sh t2,104(s0)
sh s7,106(s0)
fld fs9,8(sp)
fadd.d fa2,ft5,fs3
fcvt.s.l fs2,s1
fsd ft4,0(s6)
fld fs5,0(s6)
fsd fa2,0(s3)
fadd.d fa0,fa5,fs5
fsd fs5,8(s0)
fsd fa0,0(s4)
0x1ae45b
j 1050 # <whetstos.constprop.0+0x1000>
```

No Jump	Jump
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```
bnez s5,2d0 # <whetstos.constprop.0+0x280>
0x8a3f958b
0xda9b950b
fsd fs9,8(sp)
ld a2,248(s0)
jal ra,453c <printf>
```

No Jump	Jump
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```
fmv.d x ft6,zero
flt.d s8,ft6,fs5
fld ft7,8(sp)
bnez s8,29a # <whetstos.constprop.0+0x24a>
j 1098 # <whetstos.constprop.0+0x1048>
```

No Jump	Jump
---------	------

```
auipc a2,0x201
flw fa1,1942(a2) # 201a30 <_digits+0x260>
fmul.s fa7,fs2,fa1
auipc a2,0x201
fld fs6,1874(a2) # 2019f8 <_digits+0x228>
fmul.d fs7,fs5,fs6
fcvt.d.s fs8,fa7
fdiv.d fa6,fs8,fs7
nop
fmv.x.d a1,fa6
0xdb9b950b
fsd ft7,8(sp)
ld a2,8(s0)
jal ra,453c <printf>
```

No Jump	Jump
---------	------

```
fld fs9,8(sp)
nop
fsd fs9,8(sp)
jal ra,29e8 <start_time>
```

No Jump	Jump
---------	------

```
nop
blez s1,448 # <whetstos.constprop.0+0x3f8>
```

No Jump	Jump
---------	------

```
fld fs5,8(sp)
li s9,0
auipc a2,0x201
fld fa3,1768(a2) # 2019c8 <_digits+0x1f8>
auipc a2,0x201
fld fs10,1816(a2) # 201a00 <_digits+0x230>
```

```
li ra,1400
addi ra,ra,-1
fadd.d ft8,fs0,fs5
fadd.d ft9,ft8,fs4
fsub.d ft10,ft9,fs3
fmadd.d fs0,ft10,fa3,fs0
fsub.d ft11,fs0,fs4
fadd.d ft0,ft11,fs3
fmul.d ft1,ft0,fa3
fmsub.d ft2,ft10,fa3,ft1
fmmsub.d ft3,ft10,fa3,ft1
fmadd.d fa4,ft10,fa3,ft1
fadd.d fs4,ft2,fs4
fadd.d ft4,fs4,fs3
fmadd.d ft5,ft4,fa3,ft3
fmadd.d fa5,ft4,fa3,fa4
fadd.d fs3,ft5,fs3
fmmsub.d fa2,fs3,fs10,fa5
fmadd.d fs5,fa2,fa3,ft1
fmmsub.d fa0,ft4,fa3,fs5
fmadd.d ft6,fs3,fs10,fa0
fmul.d ft7,ft6,fa3
fmsub.d fa6,fa2,fa3,ft7
fmmsub.d fa1,fa2,fa3,ft7
fmadd.d fa7,fa2,fa3,fa6
fmadd.d fs6,ft4,fa3,fa6
fmadd.d fs7,fs3,fs10,fs6
fmadd.d fs9,fs7,fa3,fa1
fmadd.d ft8,fs3,fs10,fs8
fmmsub.d ft9,ft8,fs10,fs9
fmadd.d ft10,ft9,fa3,ft7
fmmsub.d fs0,fs7,fa3,ft10
fmadd.d ft11,ft8,fs10,fs0
fmul.d ft2,ft11,fa3
fmmsub.d ft1,ft9,fa3,ft2
fmadd.d ft3,ft9,fa3,ft2
fmadd.d fa4,fs7,fa3,ft1
fmadd.d ft4,ft8,fs10,fa4
fmadd.d ft5,fs4,fa3,ft0
fmadd.d fs3,ft8,fs10,ft4
fmmsub.d fa2,fs3,fs10,ft5
fmadd.d fa5,fa2,fa3,ft2
fmmsub.d fs5,fs4,fa3,fa5
fmadd.d fa0,fa5,fs10,fa5
fmul.d ft6,fa0,fa3
fmsub.d ft7,fa2,fa3,ft6
fmmsub.d fa6,fa2,fa3,ft6
fmadd.d fa1,fa2,fa3,ft6
fmadd.d fa7,fs4,fa3,ft7
fmadd.d fs6,fs3,fs10,fa7
fmadd.d fs7,fs6,fa3,fa6
fmadd.d fs9,fs3,fs10,fs7
fmmsub.d ft8,fs9,fs10,fs8
fmmsub.d ft9,ft8,fa3,ft6
fmadd.d ft10,fs6,fa3,ft9
fmadd.d ft11,fs0,fa3
fmmsub.d ft2,ft8,fa3,ft11
fmadd.d ft3,ft8,fa3,ft11
fmadd.d ft0,fs6,fa3,ft2
fmadd.d fs4,fs9,fs10,ft0
fmadd.d ft4,fs4,fa3,ft1
fmadd.d ft5,fs9,fs10,ft4
fmmsub.d fs3,ft5,fs10,fa4
fmul.d fs5,fa3,fs3
fadd.d fa2,ft11,fs5
fmmsub.d fa5,fs4,fa3,fa2
fmadd.d fa0,ft5,fs10,fa5
fmul.d fs0,fa3,fa0
fsub.d ft6,fs5,fs0
fsub.d ft7,fs0,fs5
fmadd.d fa6,fs4,fa3,ft6
fmadd.d fa1,ft5,fs10,fa6
fmul.d fa4,fa3,fa1
fadd.d fa7,ft7,fs4
fmadd.d fs6,ft5,fs10,fa7
fmul.d fs3,fs6,fs10
bnez ra,2f4 # <whetstos.constprop.0+0x2a4>
addi s9,s9,1
fsub.d fa3,fs1,fa3
bne s1,s9,2f0 # <whetstos.constprop.0+0x2a0>
```

No Jump	Jump
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```
jal ra,2a10 <end_time>
```

No Jump	Jump
---------	------

end of function

10768

whetstos