```
.data
arg1: .word 5
.text
main:
```

addi sp,sp,16 sw ra,12(sp) sw s0,8(sp)

addi s0,sp,1

addi a0,zero,1

sw a0,-12(s0)

lw a0, -12(s0)

call factorail(int)

mv a1,zero

sw a0,-16(s0)

add a0,zero,a1

lw s0,8(sp)

lw ra,12(sp)

addi sp,sp,16

ecall

ret

factorail(int):

addi sp,sp,-32

sw ra,28(sp)

sw s0,24(sp)

addi s0,sp,32

sw a0,-12(s0)

addi a0,zero,1

sw a0,-16(s0)

sw a0,-20(s0)

jal loop

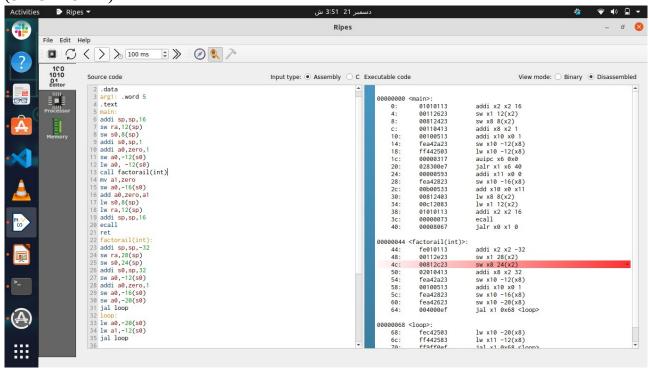
loop:

lw a0,-20(s0)

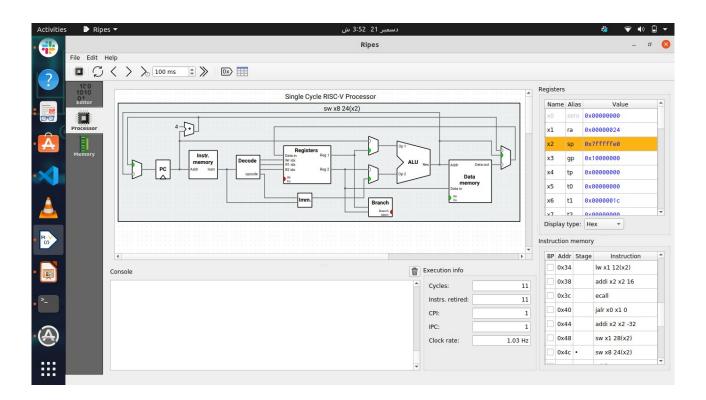
lw a1,-12(s0)

jal loop

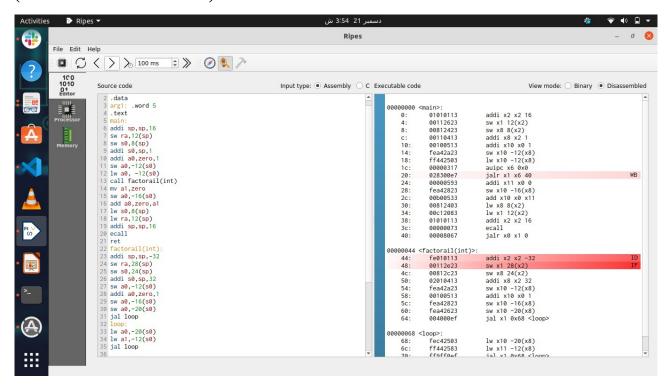
(SINGLE STEP)



(SINGLE STEP)



(FIVE STAGE PROCEDURE)



(FIVE STAGE PROCEDURE)

