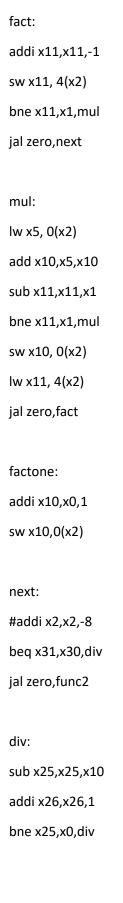
```
#Define 2 numbers to find permutation or possible arrangement
addi x22,x0,6
addi x23,x0,4
sub x24,x22,x23
addi x31,x0,2
addi x30,x0,1
addi x26,x0,0
func1:
addi x15,x22,0
jal zero,factorial
func2:
addi x31,x31,-1
lw x25,0(x2)
addi x15,x24,0
jal zero,factorial
factorial:
#Program to find factorial of a number
addi x2,x2,8 #stack pointer
add x10,x0,x15 #Compute the factorial of N = N!
addi x6,x0,2 #this case is to check for 0 and 1
blt x10,x6,factone #Abort as 0! & 1! are both== 1
addi x1,x0,1 #Register to hold
addi x11,x10,0 #to hold the decrementing values starting from 4
sw x10,0(x2)
```



jal zero,stop

stop:

sw x26,0(x0)

ecall