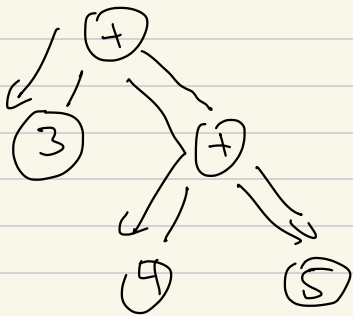


expr

$$3 + (4 + 5)$$

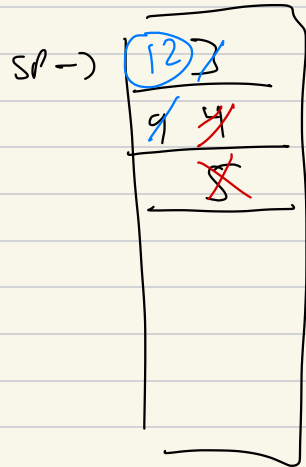
$$3 + 9$$

$$12$$



=>

→ push 3  
 push 4  
 push 5  
 add2 ←  
 add2 ←



SP

```

(3) [
    addi sp, sp, -4
    li t0, 3
    sw t0, (sp)
    addi sp, sp, -4
    li t0, 4
    sw t0, (sp)
    addi sp, sp, -4
    li t0, 5
    sw t0, (sp)
    lw t0, (sp)
    lw t1, 4(sp)
    add t0, t0, t1
    addi sp, sp, 4
    sw t0, (sp)
    lw t0, (sp)
    lw t1, 4(sp)
    add t0, t0, t1
    addi sp, sp, 4
    sw t0, (sp)
]
    
```

```
$ ntlang -c "not a!" > expr.S
```

```
gcc -o expr expr.S
```

```
./expr 1 2
```

```
}
```