

```
.text
```

```
li $a0, 5
```

```
funcao:
```

```
    addi $sp, $sp, -8
```

```
    sw $ra, 4 ($sp)
```

```
    sw $a0, 0 ($sp)
```

```
    slti $t0, $a0, 1
```

```
    beq $t0, $zero, L1
```

```
    addi $v0, $zero, 1
```

```
    addi $sp, $sp, 8
```

```
    jr $ra
```

```
L1:
```

```
    addi $a0, $a0, -1
```

```
    jal funcao
```

```
lw $a0, 0 ($sp)
```

```
lw $ra, 4 ($sp)
```

```
addi $sp, $sp, 8
```

```
mul $v0, $a0, $v0
```

```
jr $ra
```