

```
.text

    li $t5, 10    # A
    li $t6, -5    # B
    move $t0, $zero # $t0 = result

loop:
    beqz $t6, ready
    and $t1, $t6, 1
    beqz $t1, continue
    addu $t0, $t0, $t5
continue:
    sll $t5, $t5, 1
    srl $t6, $t6, 1
    j loop

ready:
    li $v0, 1    # print int
    move $a0, $t0
    syscall

return:
    li $v0, 10
    syscall
```