What is threading when a thread runs:

```assembly
.section .text
.globl _start
_start: nop
    pushl $printbuf
    pushl $0xDEADBE0F
    call ltohex
    movl $4, %eax
    movl $1, %ebx
    movl $printbuf, %ecx
    movl $9, %edx
    int $0x80
    movl $1, %eax
    movl $−1, %ebx
    int $0x80
ltohex: pushl %ebp
    movl $8, %ecx
    movl %esp, %ebp
    movl 8(%ebp), %edx
    pushl %ebx
    movl 12(%ebp), %ebx
    jmp .L2
.L10:    addl $48, %eax
    movb %al, −1(%ecx,%ebx)
    subl $1, %ecx
    je .L8
.L11:    sarl $4, %edx
.L2:    movl %edx, %eax
    andl $15, %eax
    cmpb $9, %al
    jle .L10
    addl $55, %eax
    movb %al, −1(%ecx,%ebx)
.L8:    subl $1, %ecx
    jne .L11
.L8:    popl %ebx
    popl %ebp
    ret
.section .data
printbuf: .ascii "12345678\n"
```

Your Name_______________________

How many machine instructions are in the program of the process whose thread is visualized by the up–and–down zig–zag plot?

_____ 35
_____ 36
_____ Approx. 100

How many machine instructions did that process run?

_____ 35
_____ 36
_____ Approx. 100