1. In the C code below, some details of the for loop have been hidden. In its original form, the function was compiled to produce the assembly language that follows. Please fill out the underline part

```
int f4(short x[], int n)
int i;
int result = 1;
for (i = n-1; i >= 0; i-=3)
result = result * x[i];
return result;
# assembly code of f4
f4:
pushl %ebp
movl %esp, %ebp
subl $24, %esp
movl $1, -16(%ebp)
movl 12(%ebp), %eax
decl %eax
movl %eax, -12(%ebp)
jmp L21
L22:
movl -12(%ebp), %eax
sall %eax
addl 8(%ebp), %eax
movw (%eax), %ax
movswl %ax,%edx
movl -16(%ebp), %eax
imull %edx, %eax
movl %eax, -16(%ebp)
subl $3, -12(%ebp)
L21:
cmpl $0, -12(%ebp)
jle L22
movl -16(%ebp), %eax
leave
ret
```