```c
#include <stdio.h>
#include <stdlib.h>

int main() {
    int n = 0, *vet = NULL, *vetAt = NULL, tmp;
    // Ler inteiros do teclado enquanto > 0
    printf("Digite um valor (<= 0 para): ");
    scanf("%d", &tmp);
    while(tmp > 0) {
        vetAt = (int *) realloc(vet, (n+1)*sizeof(int));
        if(vetAt==NULL) { free(vet); exit(1); }
        vet = vetAt;
        vetAt[n] = tmp;
        n++;
        printf("Digite um valor (<= 0 para): ");
        scanf("%d", &tmp);
    }
    for(tmp=0; tmp<n; tmp++)
        printf("vet[%d]=%d\n", tmp+1, vetAt[tmp]);
    free(vetAt);
    return 0;
}
```