#include <stdio.h>

#include <stdlib.h>

struct List

{

int val;

struct List \*next = 0;

};

inline void emplace\_front(struct List \*before\_begin,int \_val);

int main()

{

struct List \*L = (struct List\*)calloc(1, sizeof(struct List));

struct List \*NEW = (struct List\*)calloc(1, sizeof(struct List));

printf("输入若干个正整数(以-1结尾):\n");

int val;

while (1)

{

scanf("%d", &val);

if (val == -1)

{

break;

}

if (val > 0)

{

emplace\_front(L, val);

}

}

struct List \*i;

for (i = L->next; i; i = i->next)

{

if (i->val % 2)

{

emplace\_front(NEW, i->val);

}

}

printf("奇数有:\n");

for (i = NEW->next; i; i = i->next)

{

printf("%d ", i->val);

}

printf("\n");

return 0;

}

void emplace\_front(struct List \*before\_begin, int \_val)

{

struct List \*create = (struct List\*)calloc(1, sizeof(struct List));

create->val = \_val;

create->next = before\_begin->next;

before\_begin->next = create;

}