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

typedef struct BINtag {
        int id;
        long qty;
} BIN;

typedef struct OBJECTtag {
        int id;
        long qty;
} OBJECT;

BIN bins[40];
OBJECT objects[200];

char contains[200][40];

void swap_bin(BIN *x,BIN *y) {
BIN buf;
        buf.id=x->id;
        buf.qty=x->qty;
        x->id=y->id;
        x->qty=y->qty;
        y->id=buf.id;
        y->qty=buf.qty;
}

void sort_bins(int b) {
int i,j;
        for(i=0;i<b;i++) {
                for(j=0;j<b-1;j++) {
                        if(bins[j].qty < bins[j+1].qty) swap_bin(&bins[j],&bins[j+1]);
                        if(bins[j].qty == bins[j+1].qty)
                                if(bins[j].id > bins[j+1].id) swap_bin(&bins[j],&bins[j+
1]);
                }
        }
}

void swap_object(OBJECT *x,OBJECT *y) {
OBJECT buf;
        buf.id=x->id;
        buf.qty=x->qty;
        x->id=y->id;
        x->qty=y->qty;
        y->id=buf.id;
        y->qty=buf.qty;
}

void sort_objects(int o) {
int i,j;
        for(i=0;i<o;i++) {
                for(j=0;j<o-1;j++) {
                        if(objects[j].qty < objects[j+1].qty) swap_object(&objects[j],&o
bjects[j+1]);
                        if(objects[j].qty == objects[j+1].qty)
                                if(objects[j].id > objects[j+1].id) swap_object(&objects
[j],&objects[j+1]);
                }
        }
}

int main() {
FILE *in,*out;
int xxx,b,o;
int i,j,flag;
double ddd;
        in=fopen("INPUT2.TXT","rt");
```



```c
        assert(in!=NULL);
        out=fopen("OUTPUT2.TXT","wt");
        assert(out!=NULL);
        xxx=fscanf(in,"%d%d",&b,&o);
        assert(xxx==2);
        for(i=0;i<b;i++) {
                fscanf(in,"%ld",&bins[i].qty);
                bins[i].qty*=10E4;
                bins[i].id=i+1;
        }
        for(i=0;i<o;i++) {
                fscanf(in,"%lf",&ddd);
                objects[i].qty=10E4*ddd;
                objects[i].id=i+1;
        }
        sort_bins(b);
        sort_objects(o);
        for(i=0;i<200;i++) {
                for(j=0;j<40;j++) {
                        contains[i][j]=0;
                }
        }
        for(i=0;i<o;i++) {
                for(j=0;j<b;j++) {
                        if(bins[j].qty >= objects[i].qty) {
                                bins[j].qty -= objects[i].qty;
                                contains[objects[i].id][bins[j].id]=1;
                                break;
                        }
                }
        }
        for(i=1;i<=b;i++) {
                flag=0;
                for(j=1;j<200;j++) {
                        if(contains[j][i]==1) {
                          fprintf(out,"%d ",j);
                          flag=1;
                        }
                }
                if(flag==0) {
                        fprintf(out,"0");
                }
                fprintf(out,"\n");
        }
        fclose(in);
        fclose(out);
        return 0;
}
```