#include<stdio.h>

#include<process.h>

void main()

{

int a[20],p[20],i,j,n,m;

printf("Enter no of Blocks.\n");

scanf("%d",&n);

for(i=0;i<n;i++)

{

                        printf("Enter the %dst Block size:",i);

                        scanf("%d",&a[i]);

}

printf("Enter no of Process.\n");

scanf("%d",&m);

for(i=0;i<m;i++)

{

                        printf("Enter the size of %dst Process:",i);

                        scanf("%d",&p[i]);

}

            for(i=0;i<n;i++)

{

for(j=0;j<m;j++)

                        {

                                    if(p[j]<=a[i])

                                    {

                                                printf("The Process %d allocated to %d\n",j,a[i]);

                                                p[j]=10000;

                                                break;

                                    }

                        }

}

for(j=0;j<m;j++)

{

if(p[j]!=10000)

                        {

printf("The Process %d is not allocated\n",j);

                        }

}

}

