Construct a C program to implement best fit algorithm of memory management.

#include<stdio.h>

#include<process.h>

int 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);

}

}

return 0;

}

