```
w=int(input())
wt=list(map(int,input().split()))
pr=list(map(int,input().split()))
perkg=[]
for i in range(len(wt)):
    perkg.append(pr[i]/wt[i])
l=list(zip(wt,pr,perkg))
l.sort(key=lambda x:x[2],reverse=True)
print(list(l))
```

```
5
7 2 4 9 5
10 5 3 4 1
[(2, 5, 2.5), (7, 10, 1.4285714285714286), (4, 3, 0.75), (9, 4, 0.4444444444444444), (5, 1, 0.2)]
```

```
w=int(input())
wt=list(map(int,input().split()))
pr=list(map(int,input().split()))
l=list(zip(wt,pr))
l.sort(key=lambda x:x[1]/x[0],reverse=True)
print(list(l))
```

```
5
7 2 4 9 5
10 5 3 4 1
[(2, 5), (7, 10), (4, 3), (9, 4), (5, 1)]
```

```
w=int(input())
wt=list(map(int,input().split()))
pr=list(map(int,input().split()))
l=list(zip(wt,pr))
l.sort(key=lambda x:x[1]/x[0],reverse=True)
maxpr=0
for weight,profit in l:
  if weight<=w:
    maxpr+=profit
    w-=weight
  else:
    maxpr+=w*(profit/weight)
    break
print(maxpr)
```

```
5
7 2 4 9 5
10 5 3 4 1
9.285714285714285
```

```
arr=list(map(int,input().split()))
target=int(input())
a=len(arr)
result=[]
for i in range(a):
  for j in range(i+1,a):
    for k in range(j+1,a):
      if arr[i]+arr[j]+arr[k]==target:
          result.append([arr[i],arr[j],arr[k]])
print(result)
```

```
1 2 3 4 5
6
[[1, 2, 3]]
```

```
arr=list(map(int,input().split()))
target=int(input())
a=len(arr)
result=[]
for i in range(a):
  for j in range(i+1,a):
      if arr[i]+arr[j]==target:
          result.append([arr[i],arr[j]])
print(result)
```

```
1 2 3 4 5
5
[[1, 4], [2, 3]]
```