```
Please input the num of resource: 2
Please input the num of users: 3
Input the resource they need:
1,2
3,1
1,4
Please input the num of machines: 3
Input the resource they have on each machine:
9,12
3,4
9,12
Input the relationship (user, machine):
1,1
1,2
2,2
3,1
3,2
3,3

share [8.0, 1.0, 7.0]
[0.5714285714285714, 0.14285714285714285, 1.0]
result [0, 1.0, 0]
share [6.0, 0, 6.0]
[0.5, 100, 1.0]
result [6.0, 1.0, 0]
share [0, 0, 3.0]
[100, 100, 1.0]
result [6.0, 1.0, 3.0]
```