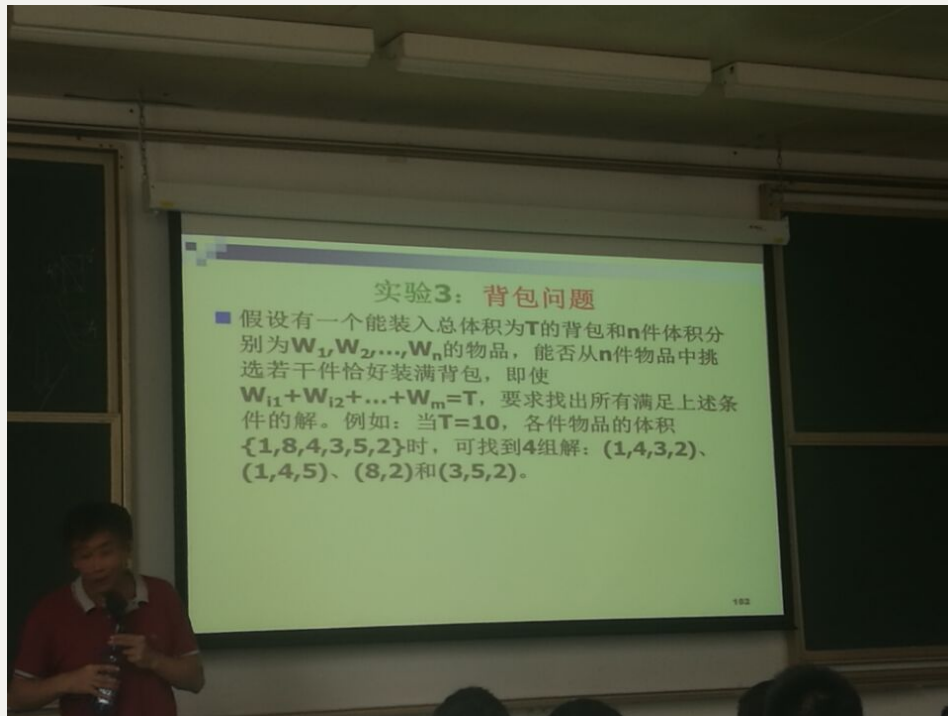


数据结构第三次实验报告

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一 实验要求



二 输出样例

```
Please input the bag capacity(input 0 to exit):
10
Please input the item number:
6
Please input each item weight:
1 8 4 3 5 2
3 5 2
8 2
1 4 5
1 4 3 2
There are 4 solutions for this problem.
```

```
Please input the bag capicity(input 0 to exit):
15
Please input the item number:
6
Please input each item weight:
4 6 3 8 2 1
6 8 1
4 8 2 1
4 3 8
4 6 3 2
There are 4 solutions for this problem.
```

三 程序健壮性

用户在输入背包容量和物品数量时，如果非法输入，程序会提示并提供重新输入的机会

```
Please input the bag capicity(input 0 to exit):
sdf23f
Sorry, your input wrong,plese input again:
Please input the bag capicity(input 0 to exit):
|
```

```
Please input the bag capicity(input 0 to exit):
10
Please input the item number:
fdlso9fd
Sorry, your input wrong,plese input again:
Please input the bag capicity(input 0 to exit):
|
```

四 细节设计

使用while语句，提供多次实验机会

code by Xcode from Mac

write by Typora