Dear roommates, a new month is coming! It's time for us to calculate our bills during last month.

Table 1: Our Total Bills

item	money	p1	p2	p3	p4	paid
xx	5000	*	*	*	*	1
aa	30	*				1,2
bb	50	*	*		*	2
cc	40	*		*		1,2
dd	999	*	*		*	4
ee	112	*			*	2

- item: the item name

- money: the total price of the item

- people who used this item is marked as "∗"

- paid: the people who paid the money for this item

- 1=:, 2: ,3: ,4:

Table 2: The Paid Amount for Each of Us

item	money	ylq	lxl	wyt	dxy
xx	5000	1250	1250	1250	1250
aa	30	30	0	0	0
bb	50	16.7	16.7	0	16.7
cc	40	20	0	20	0
dd	999	333	333	0	333
ee	112	56	0	0	56
total	6231	1705.7	1599.7	1270	1655.7

Summary:

Each of us should pay:

```
## [1] "ylq" "lxl" "wyt" "dxy"
```

```
## [1] 1705.667 1599.667 1270.000 1655.667
```

Each of us has paid:

```
## [1] "ylq" "lxl" "wyt" "dxy"
```

```
## [1] 5035  197    0  999
```

Therefore

```
## [1] "lxl  should give ylq: $ 1403"
## [1] "wyt  should give ylq: $ 1270"
## [1] "dxy  should give ylq: $ 657"
```

You can check the bill with your calculator. If you have any problem with the bill, please feel free to connect me. May you have a great new month!