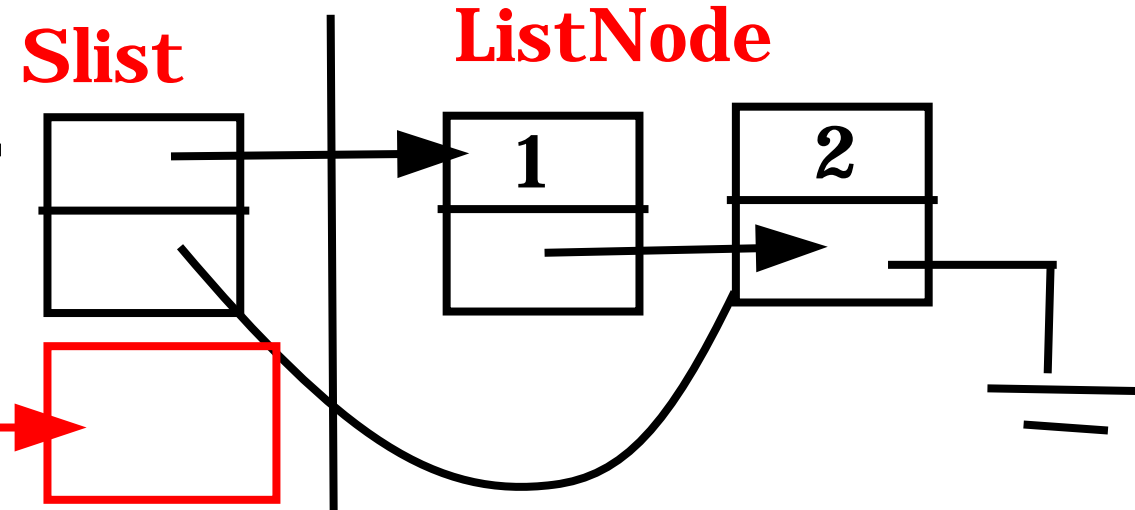


Add Two Integers digit by digit

a	b	c
0	0	0
0	- 1	- 1
- 1	0	- 1
- 1	1	0
12	5	17
- 12	5	- 7
5	- 12	- 7
5	12	17
- 5	- 12	- 17
- 12	- 5	- 17

a = 12

You can store
what ever you want
except a=12



```
alist = Slist(a)
blist = Slist(b)
clist = Slist()
work = [0] # work done by alg
s = Exam(alist,blist,clist,work,self._show)
```

TESTER

Slist must have 4 routines

- 1)def is_positive(self)->'Bool':
- 2)def is_negative(self)->'Bool':
- 3)def __len__(self)->'int':
- 4)def __str__(self)->'String':

class Exam:

```
def __init__(self, a:'Slist', b:'Slist', clist:'Empty Slist',
              work:'list of size 1 that has int', show:'Bool')->'None':
    if (show):
        print("a =",a)
        print("b =",b)
```

R&D

- 1986 is printed as

- 1->9->8->6->None