

CSE 101 11-10-25

LI

Supplemental Lecture

• Pas: ext 2 final days

• Pab: Posted

compacting data

data

0	null	,	0	,	0
1	.	,	a	,	.
2	.	,	b	,	.
3	◇	,	c	,	.
4	◇	,	d	,	.
5	.	,	e	,	.
6	null	,	0	,	0
7	null	,	0	,	0
8	null	,	0	,	0

← next

data

0	n	,	0	,	0
1	.	,	a	,	.
2	.	,	b	,	.
3	.	,	e	,	.
4	n	,	0	,	0
5	n	,	0	,	0
6	n	,	0	,	0
7	n	,	0	,	0
8	n	,	0	,	0

← next

helper function: `expandTable()`

see examples

`HashTest.c`

`DictionaryClient.c`

`DictionaryClientOut`

Pa6: Handout on ADTs in C++

- the 'this' pointer points to the implicit 1st argument of member-function of a class

```
class Blah {  
    :  
    type fun( ..... );  
};
```

?

in some client

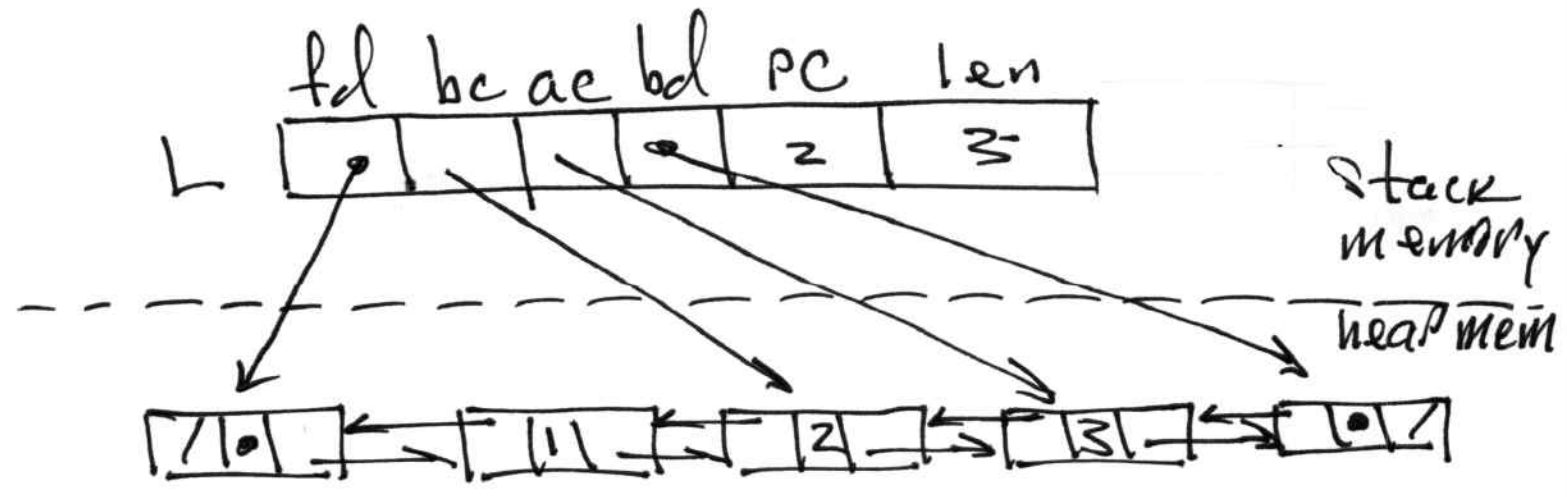
```
Blah B;
```

```
B.fun()
```

Part: inside view of List ADT

client: $(\begin{matrix} \vdots \\ 1 \\ \vdots \\ 2 \\ | \\ 3 \\ \vdots \end{matrix})$

inside:



empty state

client: $(\begin{matrix} \vdots \\ | \\ \vdots \end{matrix})$

