

### NO CASH Credit/Debit Cards Only









#### Welcome to the MBTA





To purchase new CharlieTicket (value, tickets, and passes)

Press Here

To add value or check ticket balance, insert ticket below.





Español



### •

#### You have selected: Purchase CharlieTicket

Please Make Your Selection

What ticket would you like to purchase?

Bus & Subway Tickets

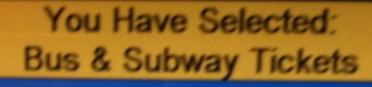
Commuter Rail

**Passes** 









Please Select Your Fare

Adult

Student

Senior

Persons with Disabilities



Go Back

#### You Have Selected: Adult

Please Select Amount

\$5.00

\$ 10.00

\$ 20.00

Other Amount

Save on your fare with a CharlieCard.

For more information see a customer service agent or visit www.mbta.com



Go Back

Other Amount

Please Select Your Amount

0000.00

1 2 3 ENTER

4 5 6

7 8 9 CLEAR

0



Go Back

#### You Have Selected: SV Adult

Please Select Payment Type

**SV Adult** 

Amount To Pay: \$ 4.00

Credit Card

Debit Card



Go Back

#### You Have Selected: SV Adult

**SV Adult** 

Number Of Tickets: 1

Amount To Pay: \$4.00

Payment Method: Credit Card

**Confirm** 



Go Back

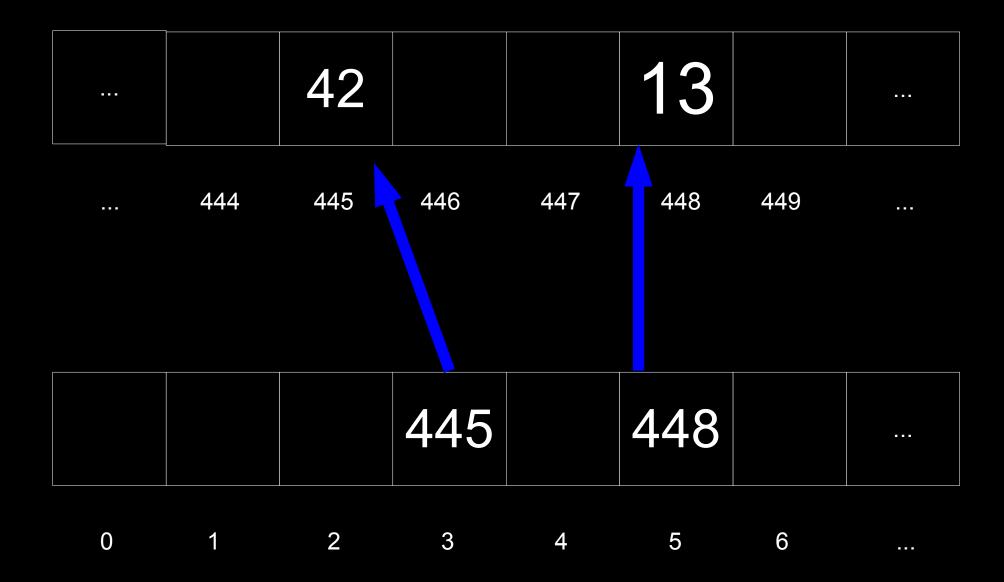
```
void
swap(int a, int b)
   int tmp = a;
   a = b;
   b = tmp;
```

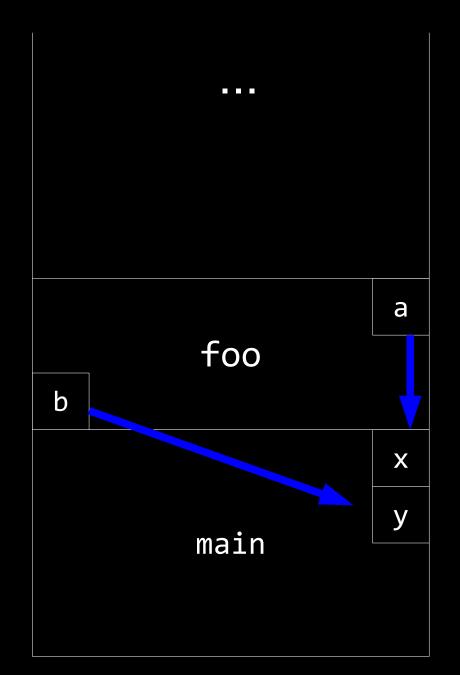
```
void
swap(int *a, int *b)
   int tmp = *a;
   *a = *b;
   *b = tmp;
```

 444	445	446	447	448	449	



0 1 2 3 4 5 6 ...





	'H'	'E'	VI_V		'O'	'\O'	
	444	445	446	447	448	449	
			445				
0	1	2	3	4	5	6	

# 'H'E''L''L''O'\0'

445 446 447 448 449 450

445 s1

## 'H''E''L'''D'\0'

445 446 447 448 449 450

445 s1

300

?

**s**2

### 'H''E''L'''D'\0'

445 446 447 448 449 450

$$s2 = s1;$$

445 s1

300

**?** s2

### 'H''E''L''L''O'\0'

**s**1

445 s2

# malloc

text initialized data uninitialized data heap stack environment variables

### to be continued...

