

questions during lecture that you'd
rather ask in realtime online?

cs50.harvard.edu/discuss

week 2, continued







Why is 'OVALTINE'
so good?

It is a concentrated extraction
of ripe barley malt, pure
creamy cow's milk and speci-
ally prepared cocoa, together
with natural phosphatides
and vitamins.

It is further fortified with addi-
tional vitamins B and D.



OVALTINE

The Beverage for Family Fitness!

The Beverage for Family Fitness!



lunch this Fri 9/19, 1:15pm

cs50.harvard.edu/rsvp

string

z a m y l a

string

z	a	m	y	l	a
---	---	---	---	---	---

typecasting

ASCII

A B C D E F G H I J K L M ...

ASCII

A	B	C	D	E	F	G	H	I	J	K	L	M	...
65	66	67	68	69	70	71	72	73	74	75	76	77	

ASCII

A B C D E F G H I J K L M ...

65 66 67 68 69 70 71 72 73 74 75 76 77

a b c d e f g h i j k l m ...

97 98 99 100 101 102 103 104 105 106 107 108 109

ASCII

A B C D E F G H I J K L M ...

65 66 67 68 69 70 71 72 73 74 75 76 77

a b c d e f g h i j k l m ...

97 98 99 100 101 102 103 104 105 106 107 108 109

libraries

stdio.h

cs50.h

string.h

ctype.h

reference.cs50.net

string

z	a	m	y	l	a
---	---	---	---	---	---

string

z	a	m	y	l	a		

string

z	a	m	y	l	a	\0	

string

z	a	m	y	l	a	\0	B
e	l	i	n	d	a	\0	

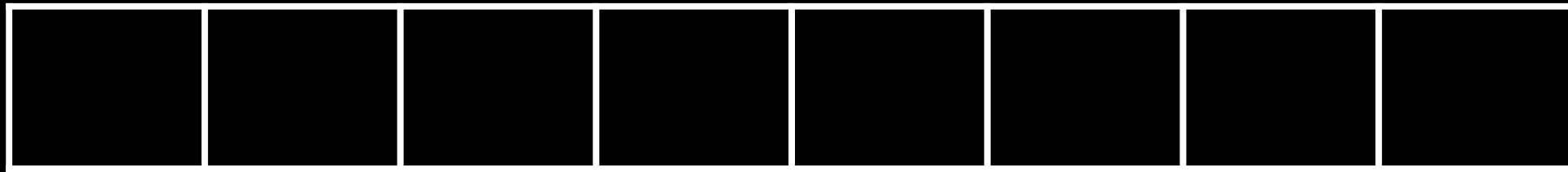
string

Z	a	m	y	l	a	\0	B
e	l	i	n	d	a	\0	G
a	b	e	\0				

string

Z	a	m	y	l	a	\0	B
e	l	i	n	d	a	\0	G
a	b	e	\0	D	a	v	e
n	\0						

arrays



arrays

```
type name[size];
```

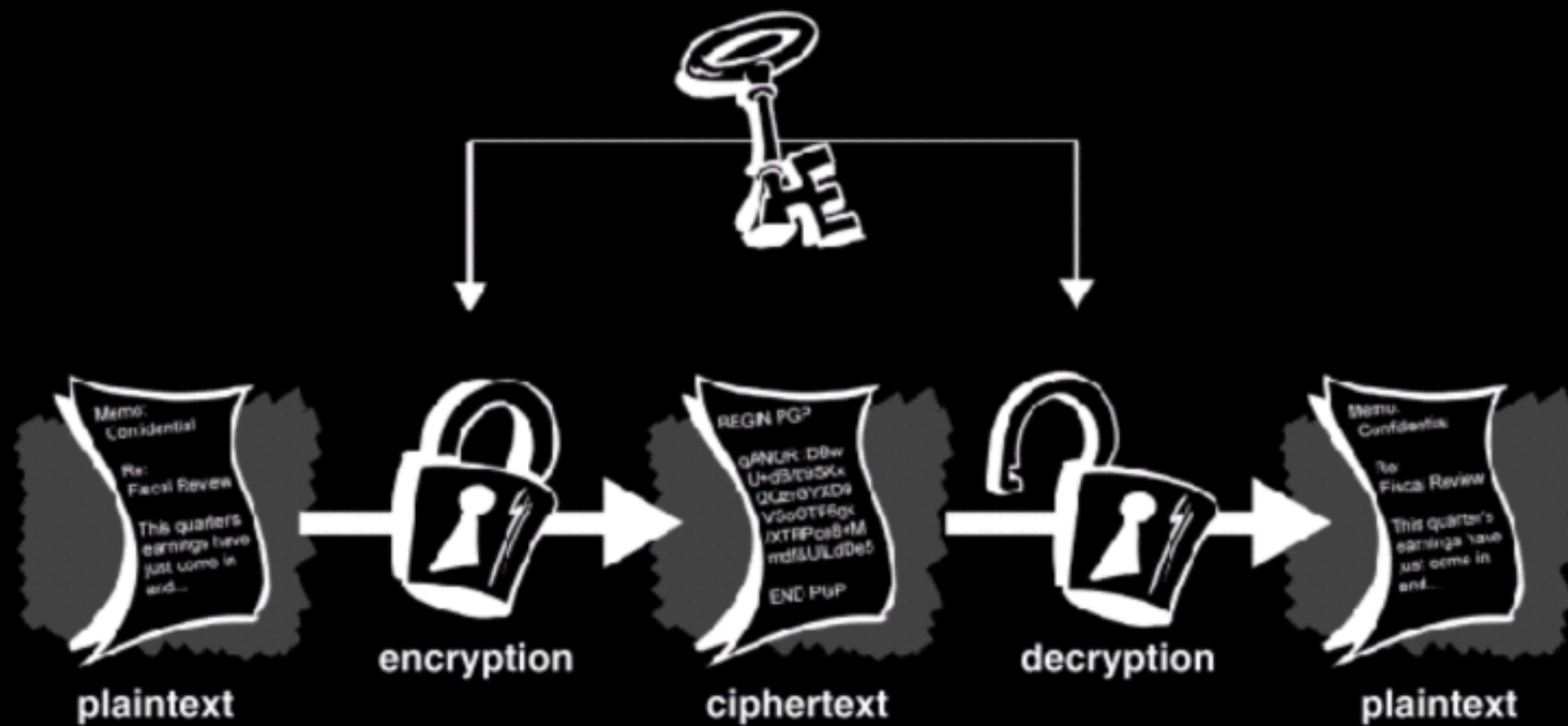

command-line arguments

```
int main(int argc, string argv[])
```

problem set 2

or fher gb qevax lbhe Binygvar

secret-key crypto



{crypt}\$ I \$LIBcWwQn\$pxTB3yAjbVS/HTD2xuXF10



to be continued...