

week 3

```
#include <cs50.h>
#include <stdio.h>

int main(void)
{
    // TODO
}
```

```
#include <cs50.h>
#include <stdio.h>
```

```
int main(void)
{
    // TODO
}
```

./hello

cd Dropbox

```
mkdir pset2
```

make hello

```
clang -o hello hello.c
```



```
#include <cs50.h>
```

```
#include <stdio.h>
```

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

```
{
```

```
    // TODO
```

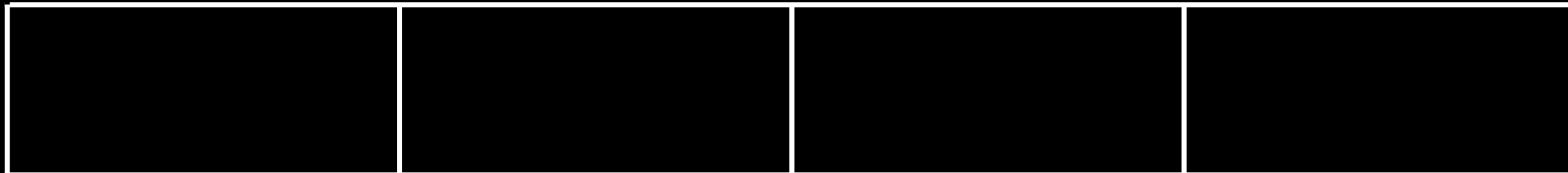
```
}
```

command-line arguments

argc



argv



...

command-line arguments

argc

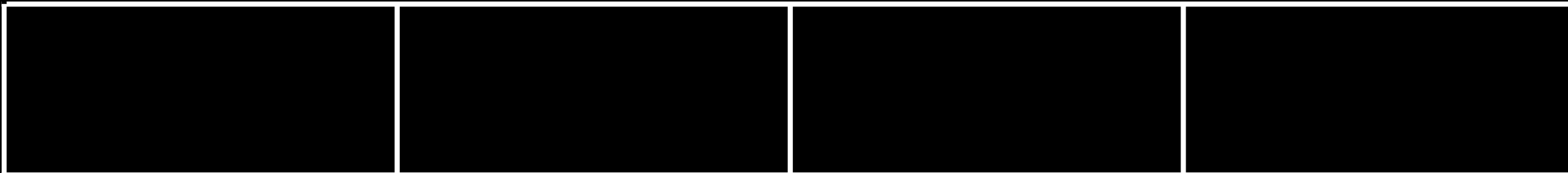


argv[0]

argv[1]

argv[2]

argv[3]



...

command-line arguments

argc

1

argv[0]

argv[1]

argv[2]

argv[3]

./hello			
---------	--	--	--

...

command-line arguments

argc

2

argv[0]

argv[1]

argv[2]

argv[3]

cd	Dropbox		
----	---------	--	--

...

command-line arguments

argc

2

argv[0]

argv[1]

argv[2]

argv[3]

mkdir	pset2		
-------	-------	--	--

...

command-line arguments

argc

4

argv[0]

argv[1]

argv[2]

argv[3]

clang	-o	hello	hello.c
-------	----	-------	---------

...

command-line arguments

argc

2

argv[0]

argv[1]

argv[2]

argv[3]

./hello	Zamyla		
---------	--------	--	--

...


```
#include <cs50.h>
#include <stdio.h>
```

```
int main(void)
{
    // TODO
}
```

command-line arguments

argv[0]

argv[1]

./hello

Zamy1a

...

command-line arguments

argv[0]

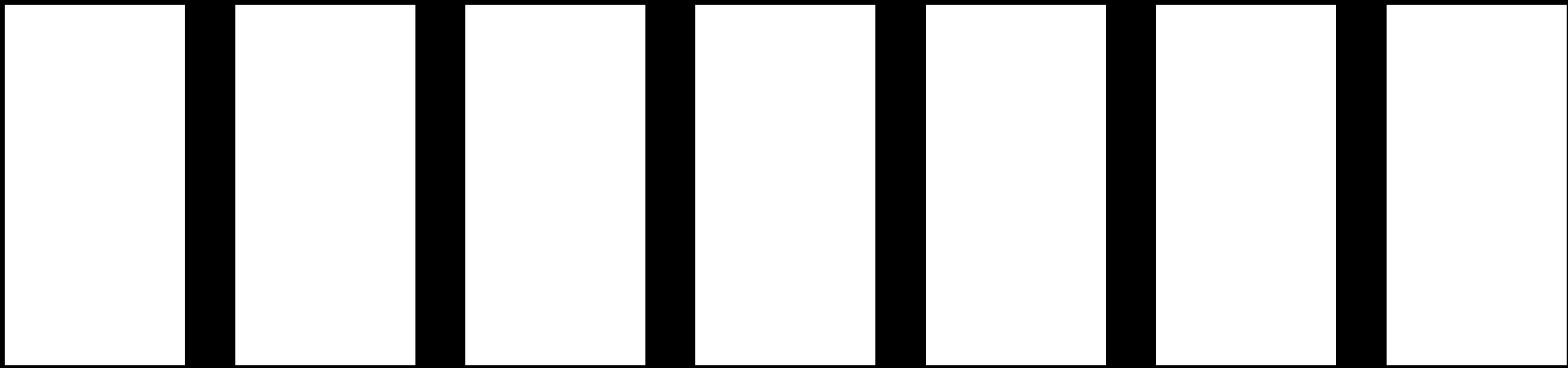
.	/	h	e	l	l	o	\0
---	---	---	---	---	---	---	----

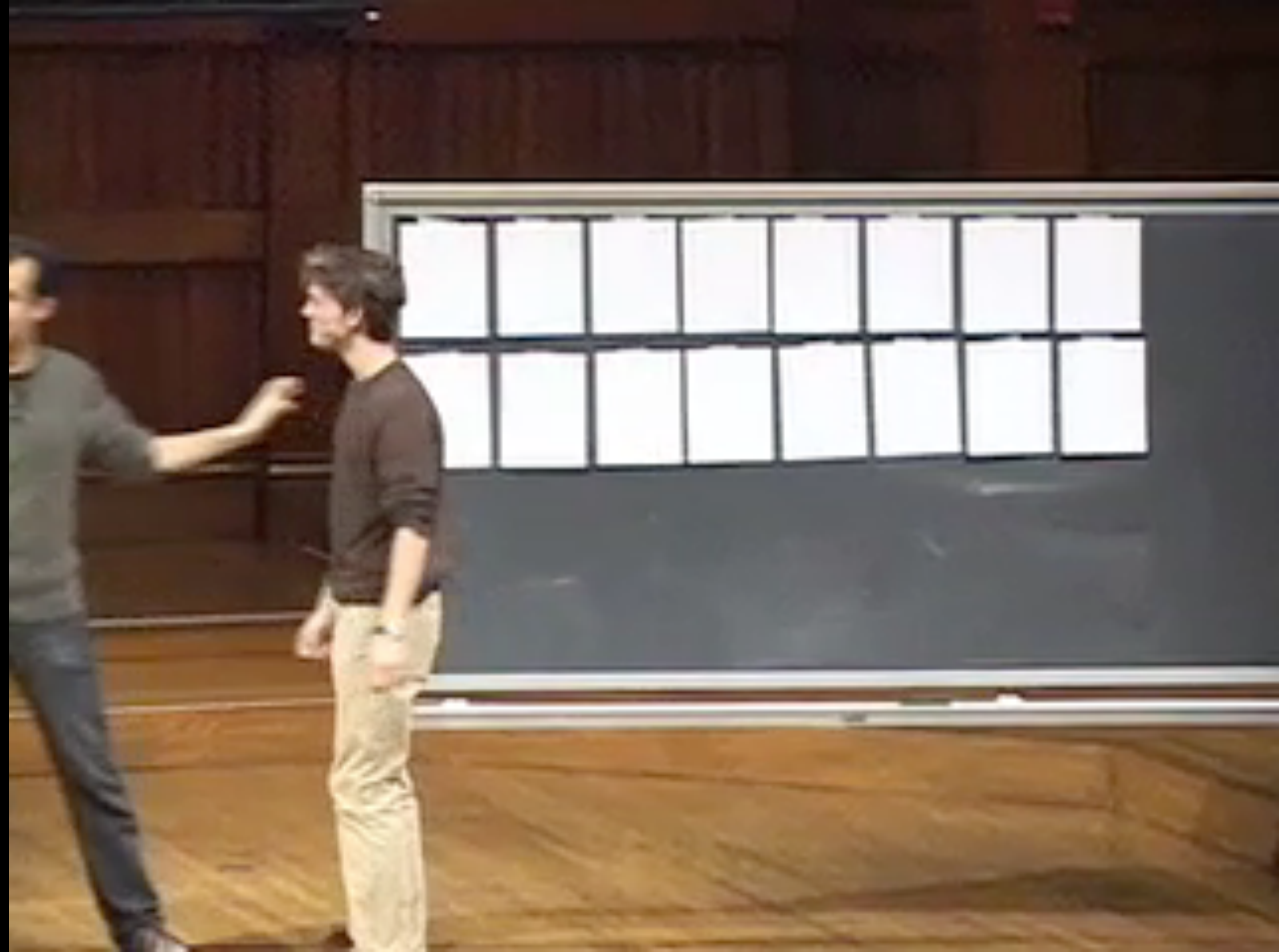
argv[1]

z	a	m	y	l	a	\0
---	---	---	---	---	---	----

...







4

2

6

8

1

3

7

5

bubble sort

selection sort

insertion sort

Insert sort



to be continued...