extra less-comfy supersection

today, here, after lecture, also filmed

9/9

0800 Arctan started

1000 " stopped - arctan ✓

{ 1.2700 9.037 847 025
9.037 846 795 correct

13" sec (032) MP - MC ~~1.982647000~~ ~~2.130476415 (-3)~~ 4.615925059(-2)

(033) PRO 2 2.130476415

correct 2.130676415

Relays 6-2 in 033 failed special speed test

In Relay " 10,000 test.

Relays changed

Relay 2145

Relay 3370

1100 Started Cosine Tape (Sine check)

1525 Started Mult + Adder Test.

1545 Relay #70 Panel F (moth) in relay.

First actual case of bug being found.

~~1635~~ 1630 Arctangent started.

1700 closed down.

http://en.wikipedia.org/wiki/Software_bug

Students, Coders, Designers,
Creators.
HACK
November 6th-8th. 36 Hours. 1500 students.
Infinite possibilities.
Learn more and apply today at yhack.org. Second round of
applications close September 20th.

sections start next week

to be announced via email this weekend

study.cs50.net

office hours

/hours

CS50 Discuss

/discuss

FIRE+ICE
an improvisational grill
in harvard square
an improvisational grill
FIRE+
ICE
in harvard square

Sitar
INDIAN CUISINE

lunch this Fri 9/18

/rsvp

scope

correctness

design

style

1 2 3 4 5

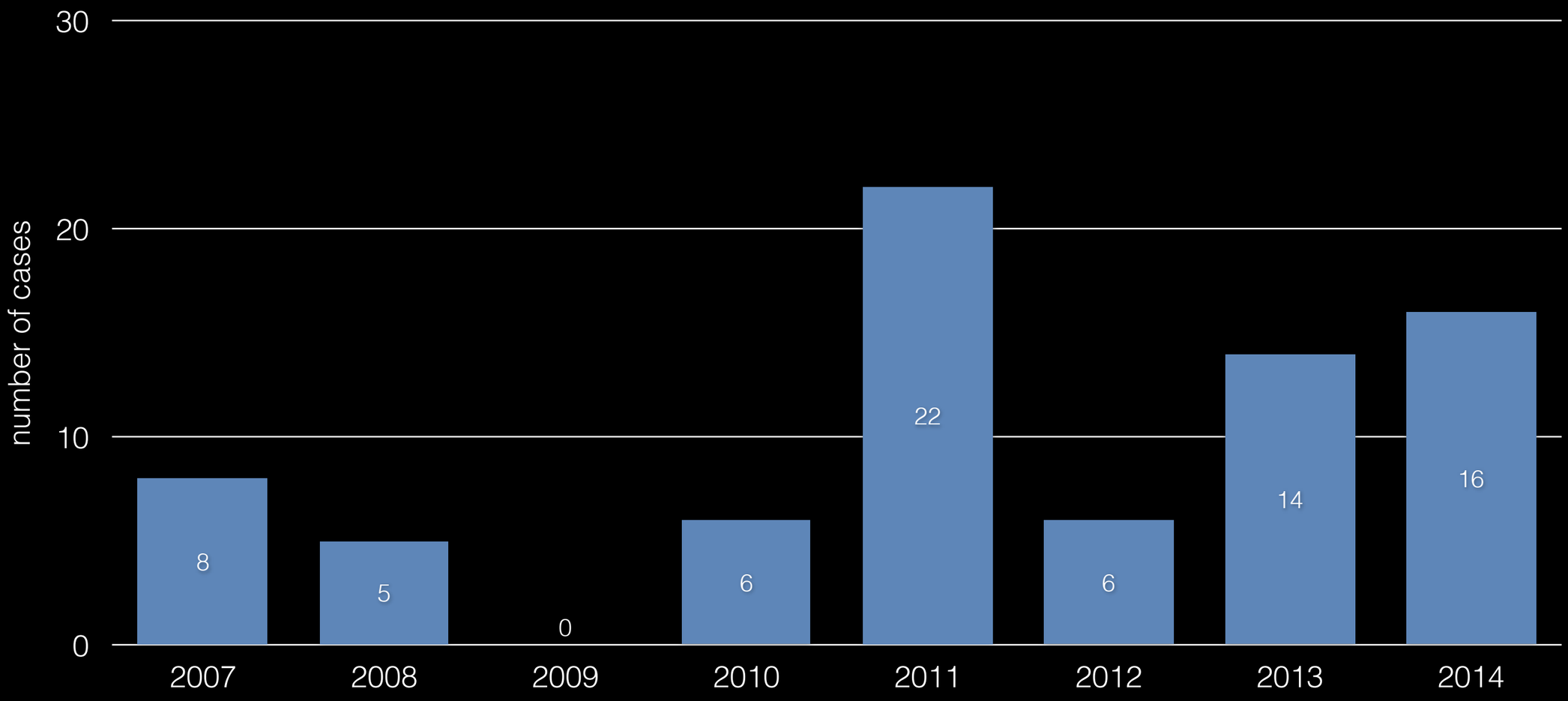
1	2	3	4	5
poor	fair	good	better	best

$$\text{scope} \times (\text{correctness} \times 3 + \text{design} \times 2 + \text{style} \times 1)$$

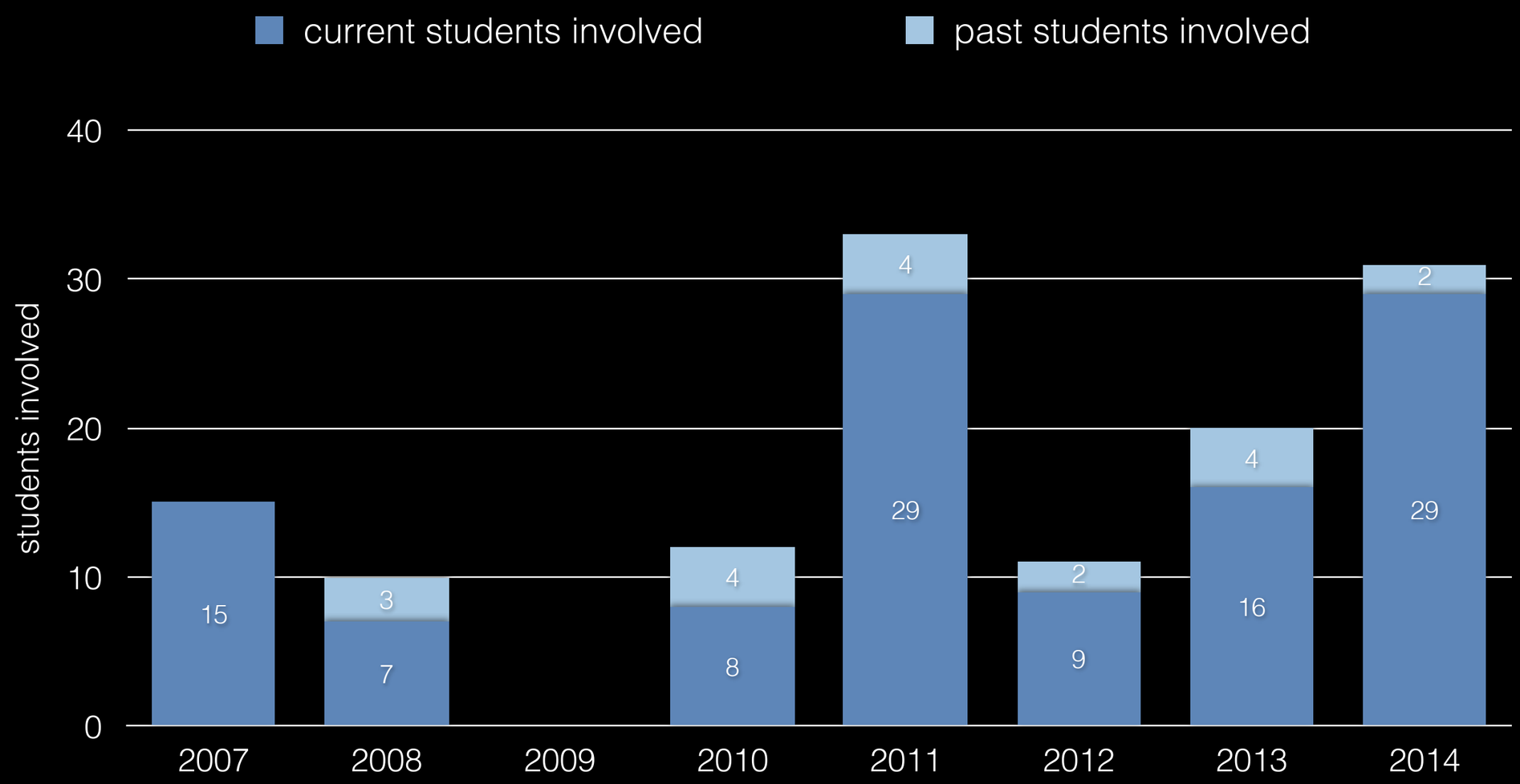
academic honesty

/syllabus

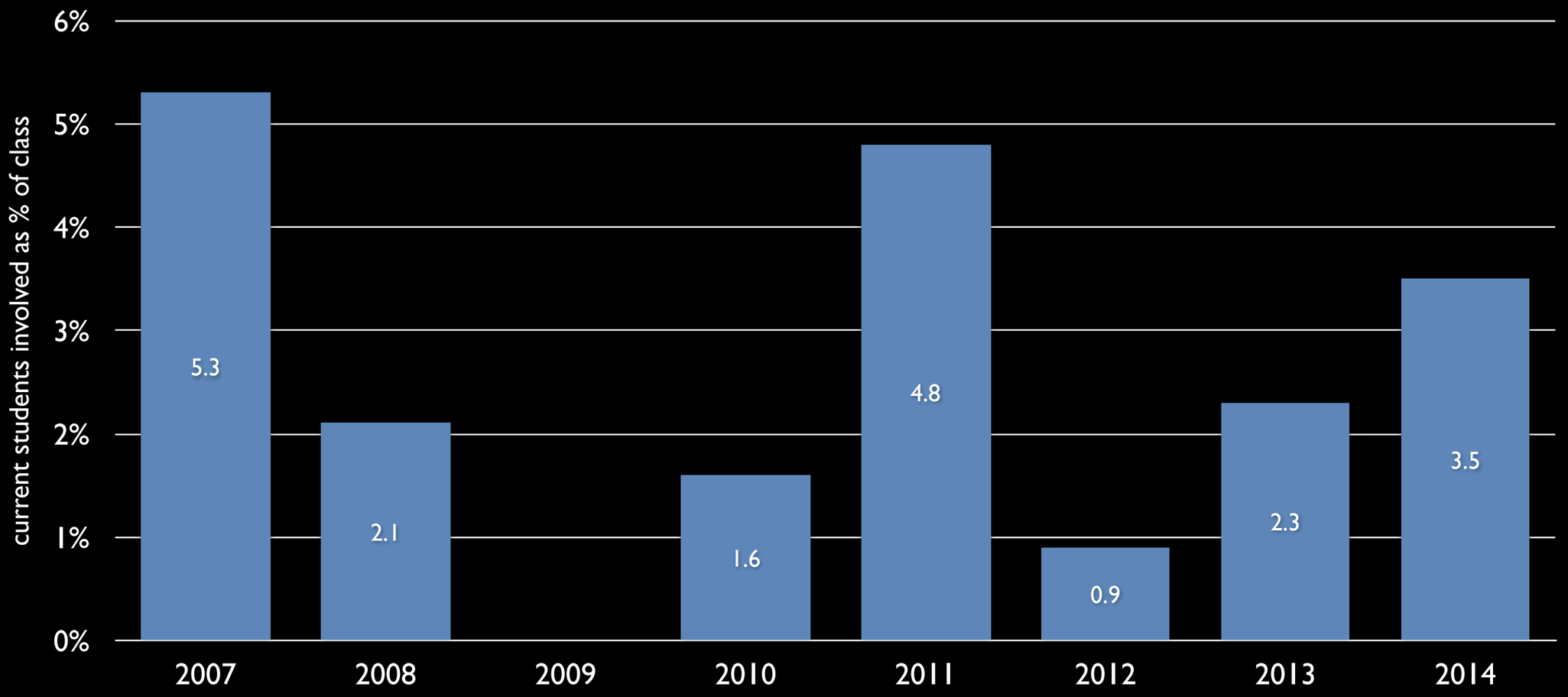
cases


30
20
10
0
number of cases
8
5
0
6
22
6
14
16
2007
2008
2009
2010
2011
2012
2013
2014

students involved



students involved (%)



all current submissions

all past submissions

code repos

discussion forums

job sites

...

"Be reasonable."

"The essence of all work that you submit to this course must be your own."

"… when asking for help, you may show your code to others, but you may not view theirs ..."

regret clause

"If you commit some act that is not reasonable but bring it to the attention of the course's heads within 72 hours, the course may impose local sanctions that may include an unsatisfactory or failing grade for work submitted, but the course will not refer the matter for further disciplinary action except in cases of repeated acts."

19 students came forward

we took no action for 7 students

we zeroed 11 scores

we asked that 1 student re-do a pset

/puppies

functions

side effects, return values

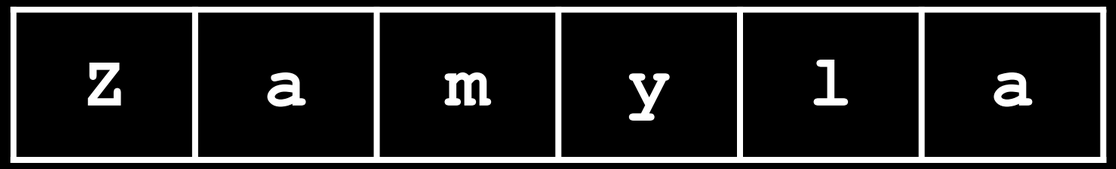
scope

local versus global

string

Z a m y l a

string



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	

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

cs50

string

ctype
```

header files

```
stdio.h

cs50.h

string.h

ctype.h
```

reference.cs50.net

sloppress.com