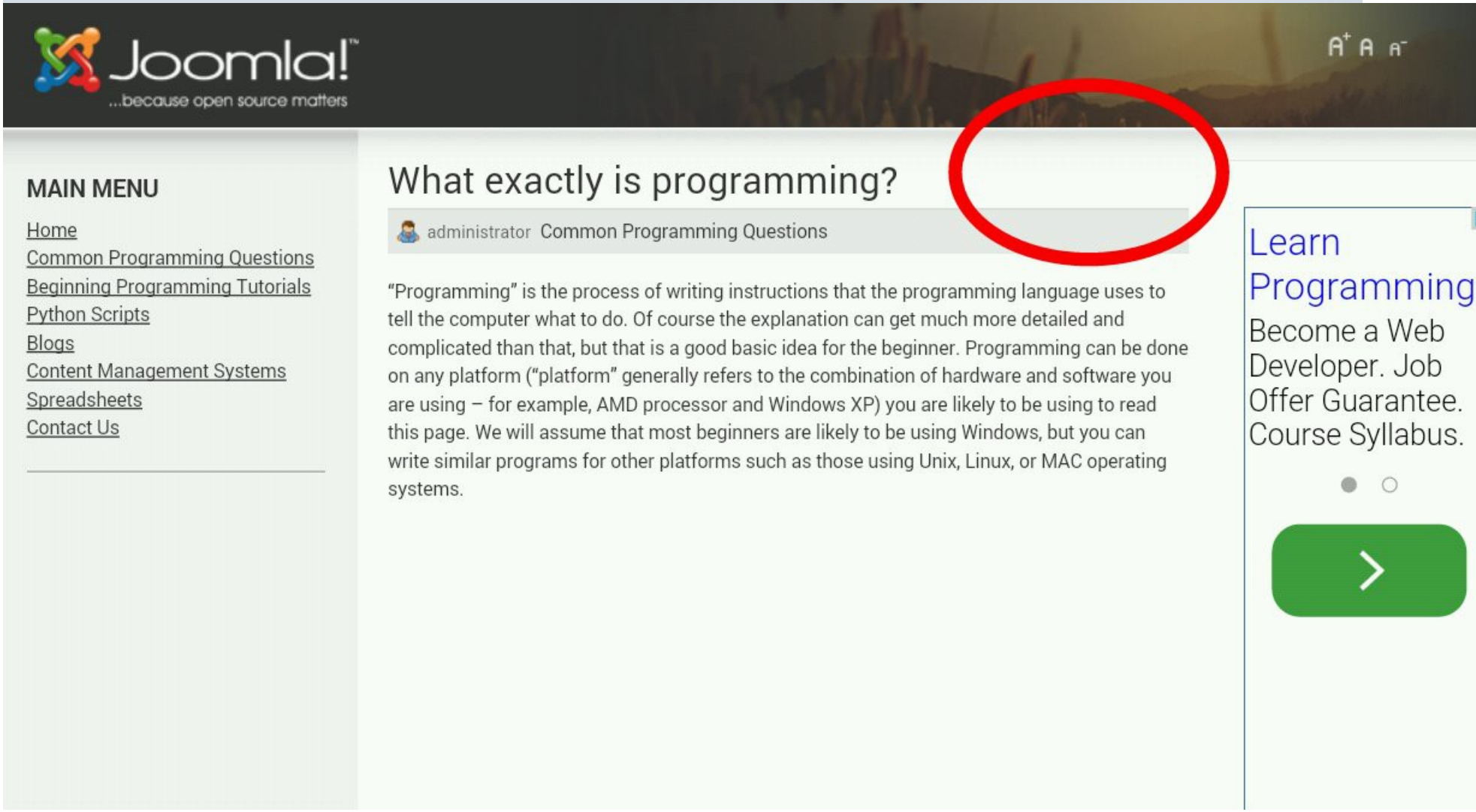
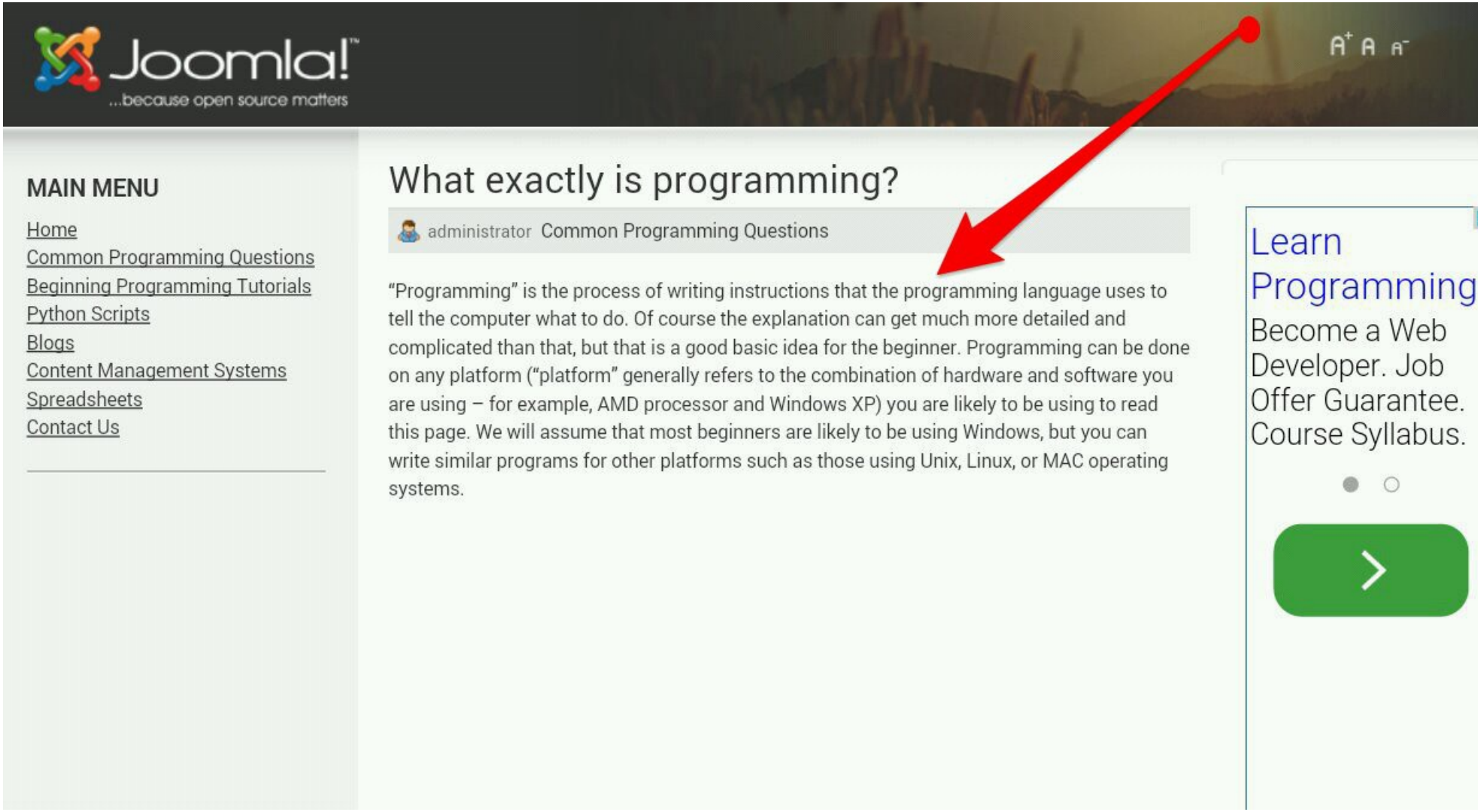
5a -- What is programming ???

Map





5aa -- Table of Contents

SourceURL: file://Table%20of%20Contents/
Author: James Reed

1. 5a -- What is programming ???
2. 5b - Lighting Course -- My Programming Model
3. 5c - Lighting Course -- Flowcharts Revisited
4. 5d - Lighting Course on Programming -- A idea on one of entry & one point of exit -- DON'T GO OFF AND GET LOST!

5aa -- You have FEARS of Computer Programming--you don't have the time or understanding!

Author: James Reed

You have FEARS!!!

COMPUTER PROGRAMMING EXPERTISE IN 10 MINUTES OR LESS!!!!!!!!!!!!!!

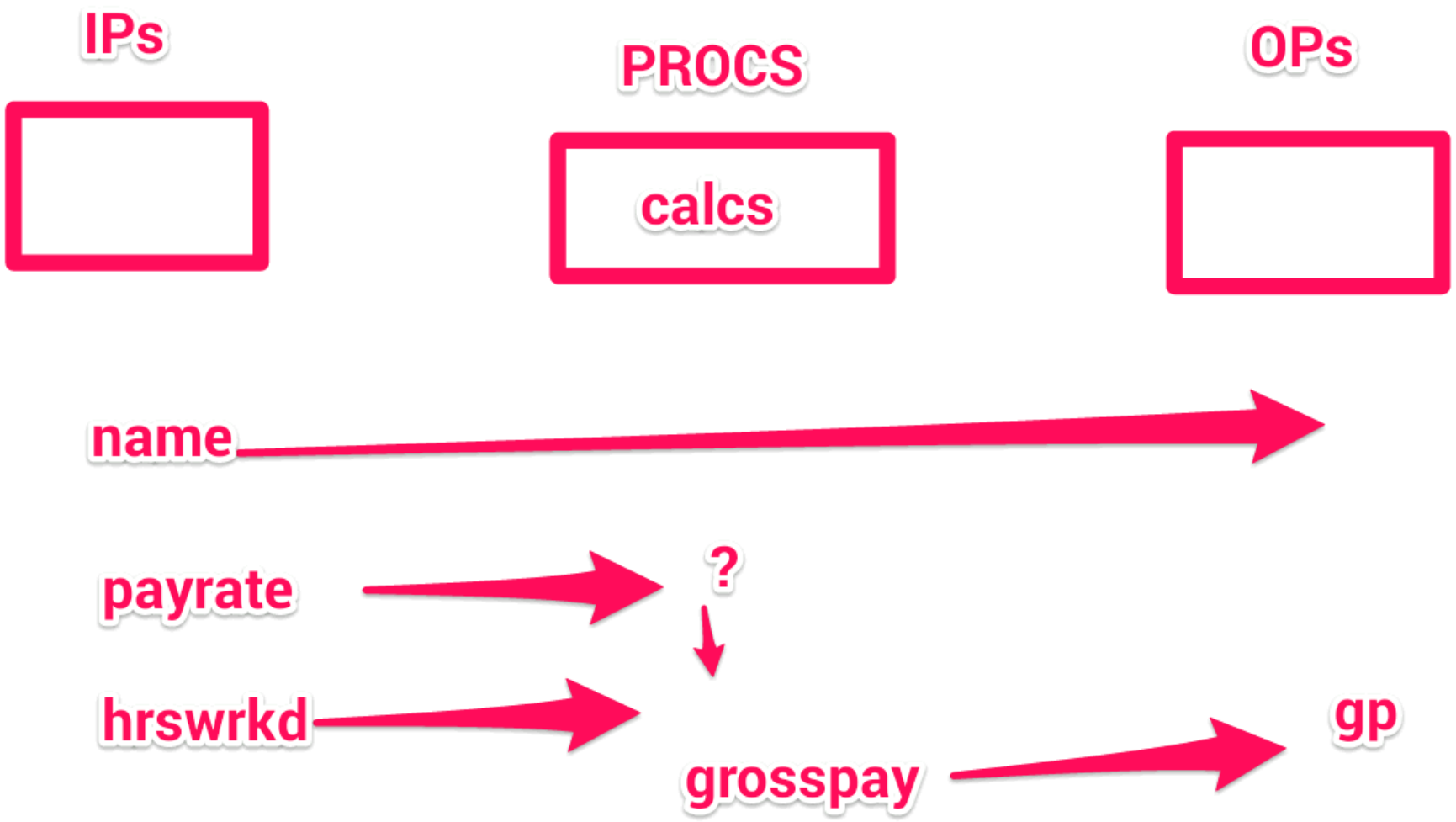
5b - Lighting Course -- My Programming Model

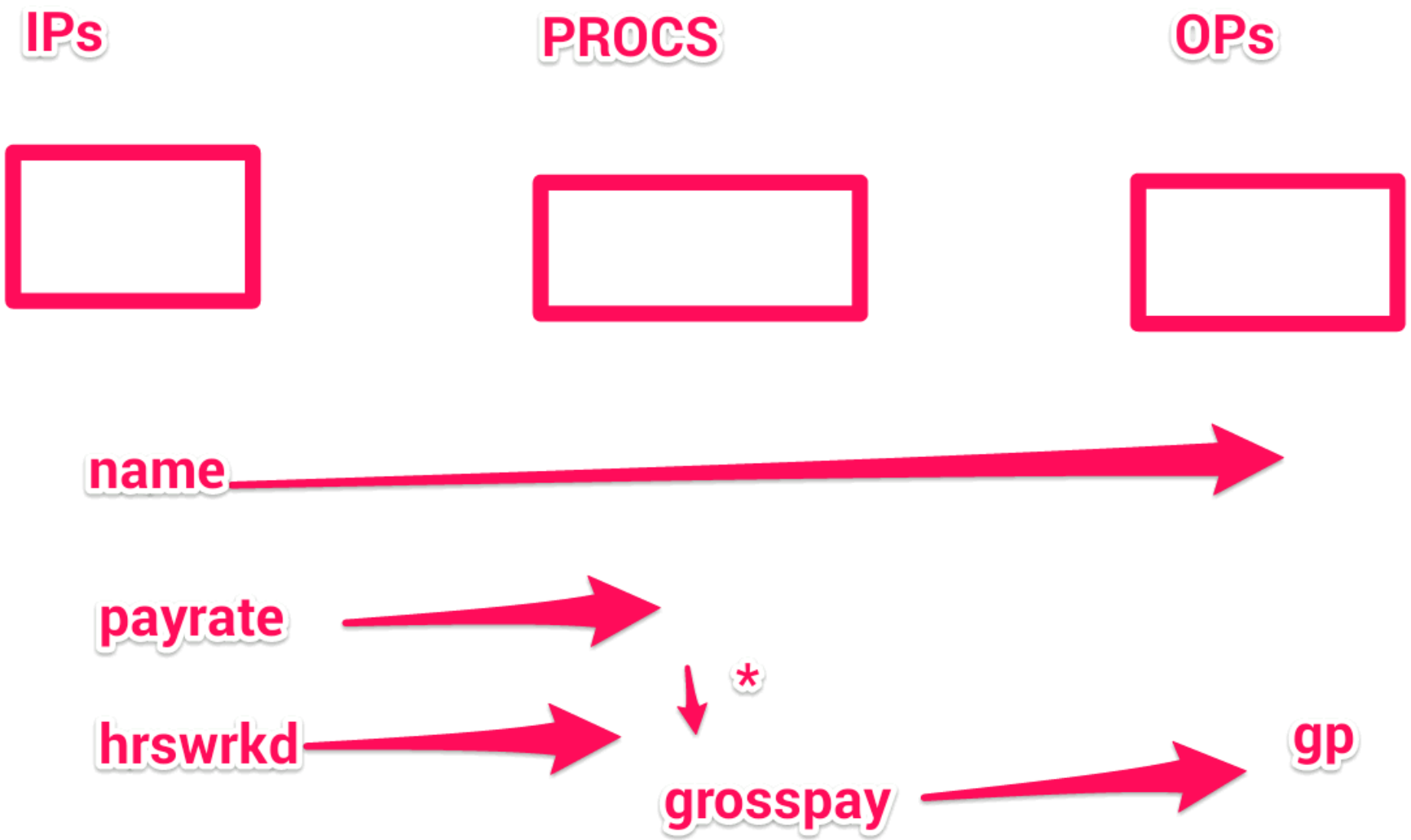
IPs

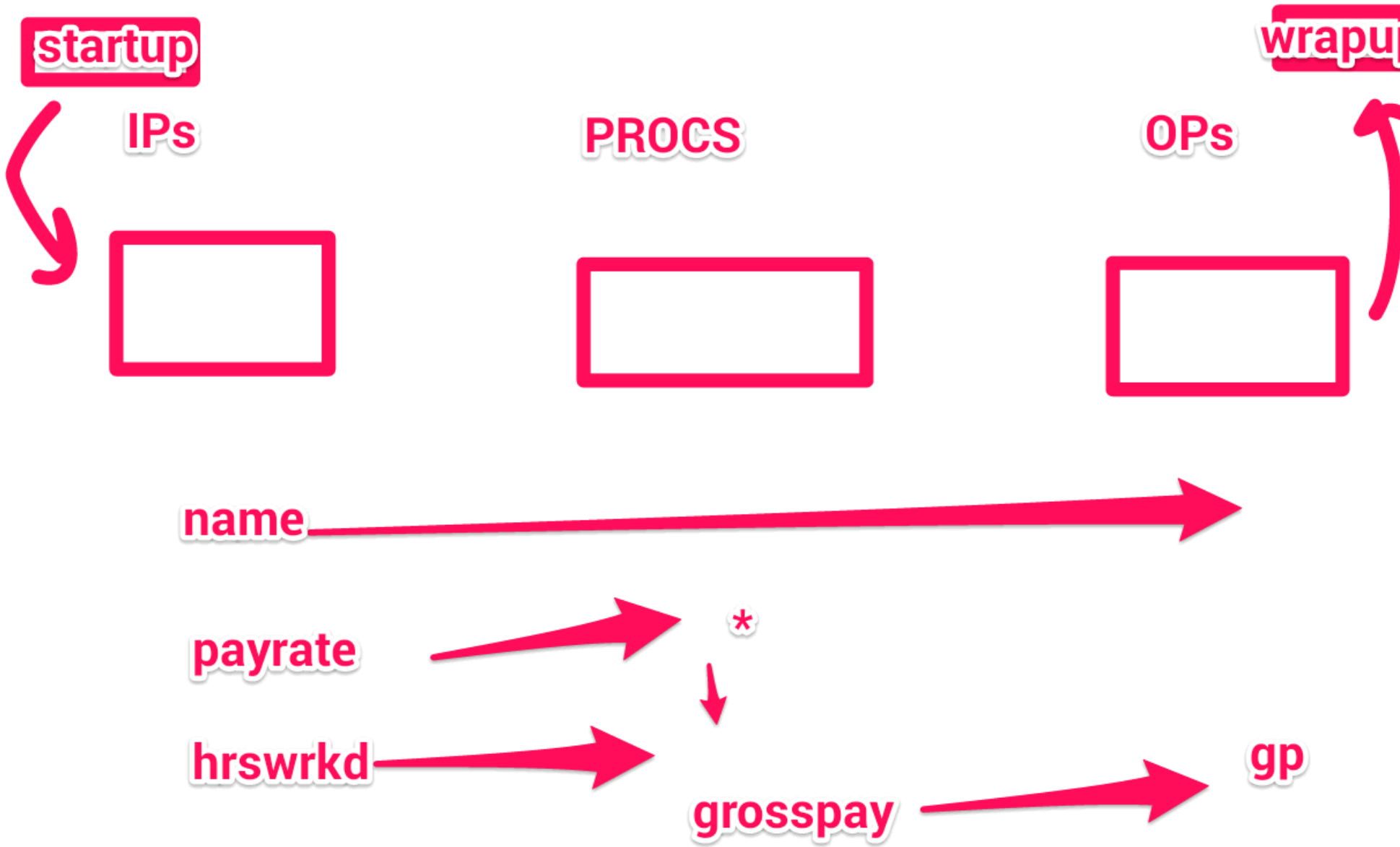
PROCS

OPs

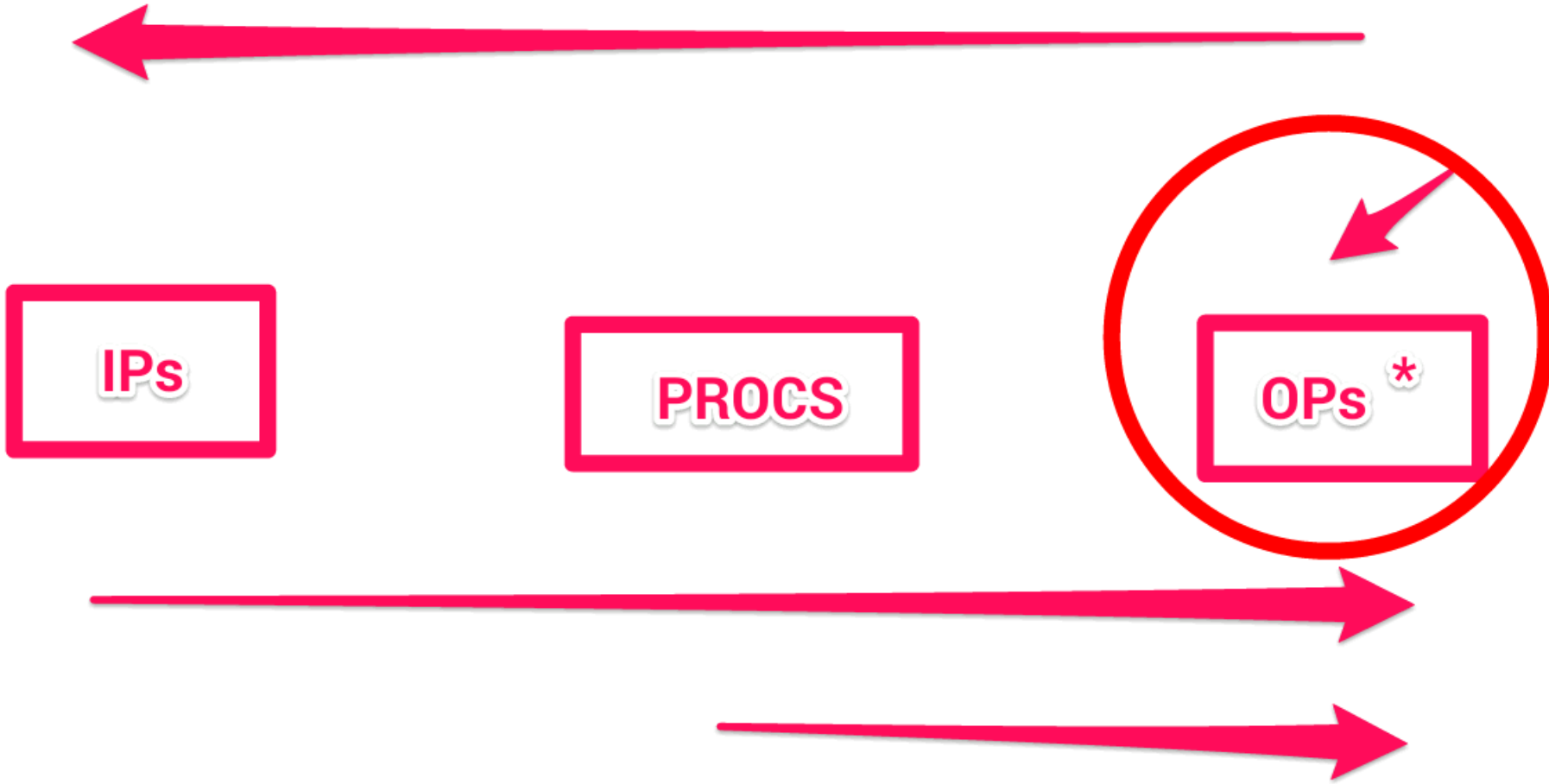
* Start with the outputs first!!!


IPs
PROCS
calcs
OPs
name
payrate
?
hrswrkd
gp
grosspay


IPs
PROCS
OPs
name
payrate
hrswrkd
*
grosspay
gp

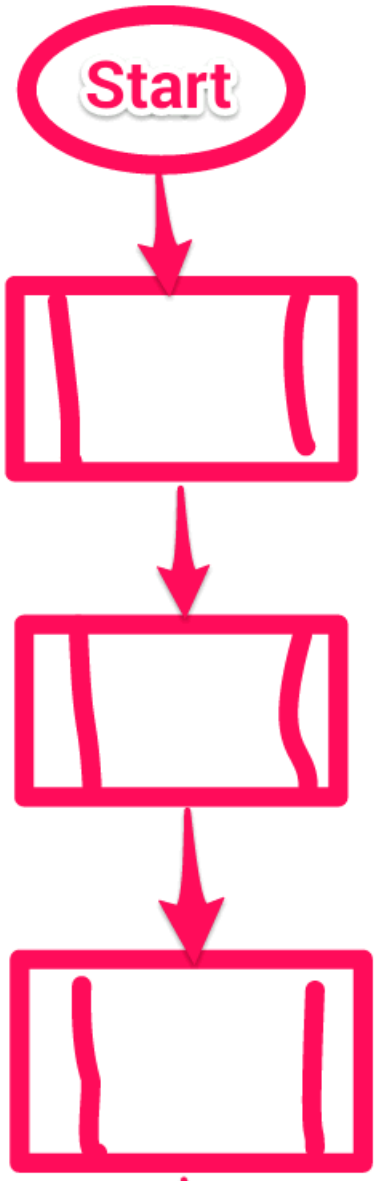

startup
IPs
PROCS
OPs
wrapup
name
payrate
*
hrswrkd
grosspay
gp

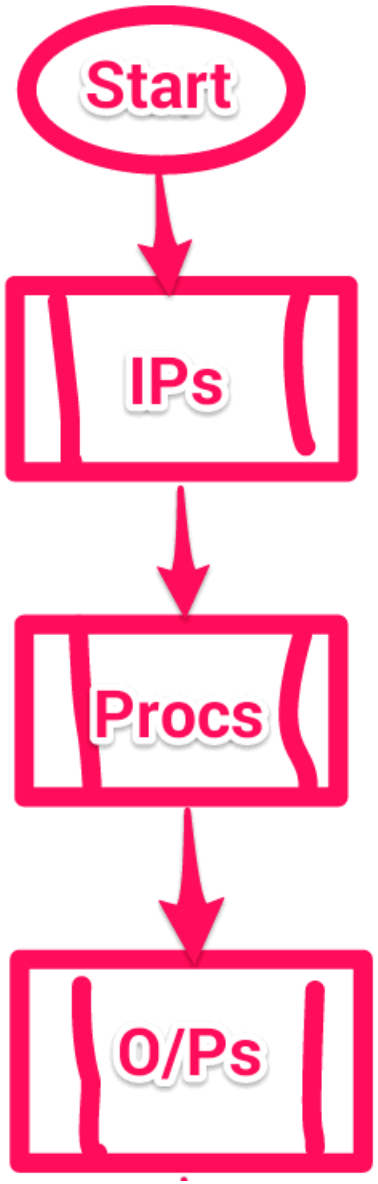

IPs
PROCS
OPs

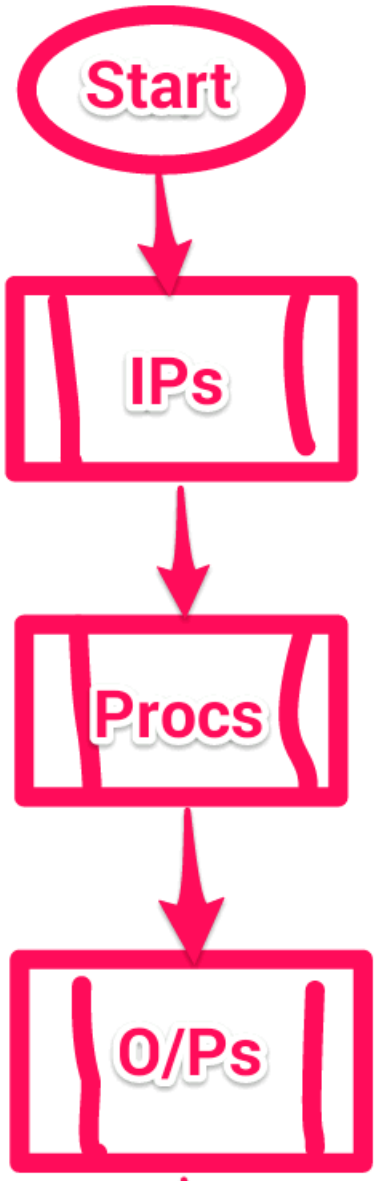


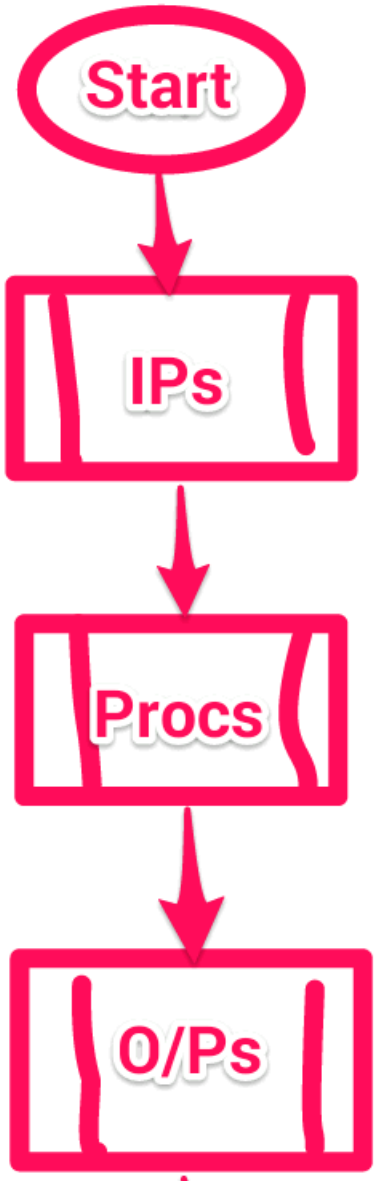
* Start with the outputs first!!!

5c - Lighting Course -- Flowcharts Revisited


Start


Start
IPs
Procs
O/Ps


Start
IPs
Procs
O/Ps


Start
IPs
Procs
O/Ps

5d - Lighting Course on Programming -- A idea on one of entry & one point of exit -- DON'T GO OFF AND GET LOST!

Map

- **One point of entry**
- **One point of exit**
- **NO HAYWIRE-- don't go off and get lost!!!**

5ee - YOU HAD FEARS!!!!!!!!!!!!!!!!!!

Author: James Reed

You have FEARS!!!

YOU HAD FEARS OF COMPUTER PROGRAMMING -- NO LONGER!!!

5z -- "Your Shoes tell Your Age" - -Let's program this!

Author: James Reed

"Your Shoes tell Your Age" - -Let's program this!

SourceURL: http://www.realclearscience.com/blog/2014/10/the_math_behind_the_shoe_size-age_trick_108920.html

"Your Shoes tell Your Age" - -Let's program this!

The "shoe magic" trick is making its way around the Internet. (See above.) It's a nifty little m
trick, and it does indeed work (most of the time). I will first use my own data to demonstrate

I wear a size 10 shoe.

10 x 5 = 50.

The Math Behind the 'Shoe Size-Age' Trick | RealClearScience

SourceURL: http://www.realclearscience.com/blog/2014/10/the_math_behind_the_shoe_size-age_trick_108920.html

The **"shoe magic" trick** is making its way around the Internet. (See above.) It's a nifty little math trick, and it does indeed work (most of the

time). I will first use my own data to demonstrate.

I wear a size 10 shoe.

10 x 5 = 50.

50 + 50 = 100

100 x 20 = 2000

2000 + 1014 = 3014

I was born in 1982.

3014 - 1982 = 1032

It works! Amazing! Indeed, my shoe size is 10, and I am 32 years old.

How does this work? It requires a little bit of algebra to understand. Let's call shoe size "s" and your birth year "y." Now, let's do the trick again, using these letters instead of numbers.

Multiple s by 5: 5s

Add 50: 5s + 50

Multiply by 20: 20(5s + 50) = 100s + 1000

Add 1014: 100s + 1000 + 1014 = 100s + 2014

Subtract birth year: 100s + 2014 - y

Do you see why it works? No matter what your shoe size is, it will always be the first two digits of the answer. If your shoe is 12, then 100s = 1200. If you are European and your shoe size is 36, then 100s = 3600.

The age part should be obvious. 2014 (the current year) - y (your birth year) will give your age.

But this trick does not always work. If you were born in, say, *December 1982, then this trick would incorrectly conclude that you were 32 years old. In fact, you would be only 31.* The trick also does not work if ***you are 100 years old or older***. If you were born in 1914 and wear a size 10 shoe, the trick would conclude that your shoe size is 11 and that you were 0 years old.

So, if you want to impress people with a math trick this Halloween, just be sure their birthday is sometime before November... and don't show it to any centenarians!

Correction to the Shoe Size Age Math Trick!

Author: James Reed

Correction as follows:

1. Take your shoe size
2. Now multiply it by 5
3. Add 50
4. Multiply by 20
5. *Now add 1011 (Last 2 digits in this number must be the 2 digits of the current year)* .

Eg 1010 for 2010 and 1012 for 2012etc)

6. Subtract the year you were born.

The number you get will be your shoe size & your age.
The first 2 digits are your shoe size & last 2 are your age.

The "shoe magic" trick is making its way around the Internet. (See above.) It's a nifty little m
trick, and it does indeed work (most of the time). I will first use my own data to demonstrate.

I wear a size 10 shoe.

10 x 5 = 50.