

# INTRODUCTION TO COMPUTER SCIENCE

DAY ONE

PROJECT INCLUDE ALBION BOOTCAMP

## MEET **ISOBEL**

I am an engineering student at the University of Toronto. I only started programming a year ago, and I can assure you it has really benefited my learning. My interests include reading, launching rockets, and playing hockey.

### **TWO TRUTHS AND A LIE:**

- I read the entire fiction section of my school library
- I do a lot of synchronized swimming
- My ring finger was once shattered by a field hockey ball



## MEET ALVIN

I am a student studying computer science at the University of Toronto. I started programming when I was in junior high school. Somethings I like to do is build websites, longboard around, and occasionally eat until I want to vomit.

### TWO TRUTHS AND A LIE:

- I study at the University of Toronto downtown campus
- I slammed and broke my door a couple weeks ago using only the weight of my body
- I am going to Egypt in a few weeks



TIME TO PLAY  
**TWO TRUTHS AND A LIE**

# VIDEO: WHAT MOST SCHOOLS DON'T TEACH



# TIME TO PLAY **ROBOT ACTIVITY**

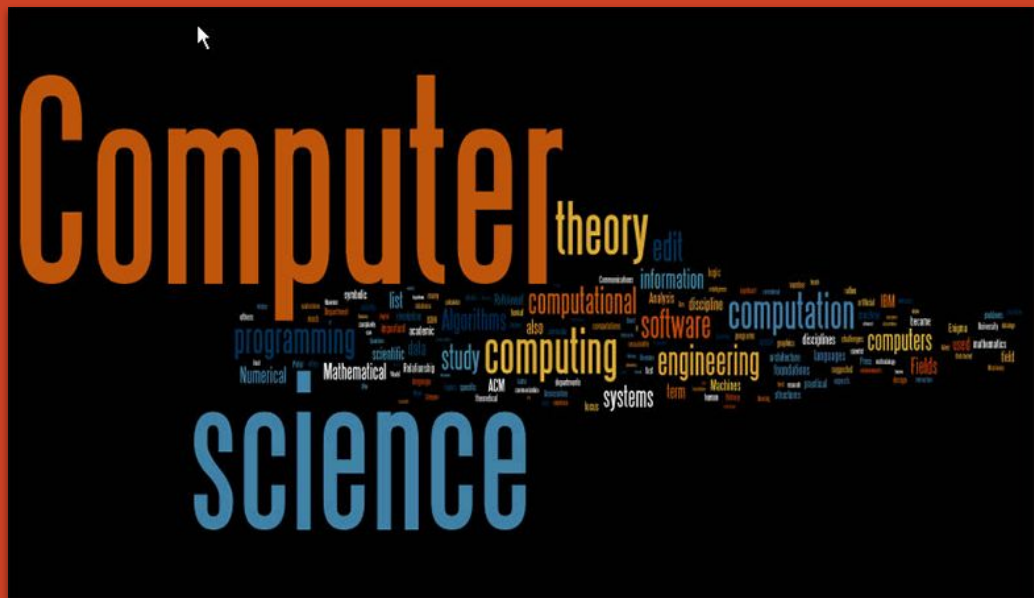
# DISCUSSION

**WHAT DO YOU THINK IS COMPUTER SCIENCE?**

# COMPUTER SCIENCE IS....

*Dictionary Definition: Computer Science is the study of the principles and uses of computers.*

## NOTE: Computers are stupid





BREAK TIME

# GAMES AND PROGRAMMING

Let's play some games to learn programming!

Open your browser and go to *<https://atng.me/pi-flappy>*.



# SYNTAX

A syntax is like the grammar of a programming language.

*Printing “Hello, World!”:*

**Python:** `print(“Hello, World!”)`

**Java:** `system.out.println(“Hello, World!”);`

**PHP:** `echo “Hello, World!”;`



# IDE

An IDE is a place where we write our code and run it! We will be using Wing IDE to print “Hello, World!”:

```
print(“Hello, World!”)
```

DAY ONE COMPLETE  
**SEE YOU TOMORROW!**