# IdeLabs For Chrome

Techfest 2012

Saket Choudhary

Indian Institute of Technology Bombay

# Introduction

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# Code needs an interpreter or compiler to Run !

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- C/C++

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# How We Learn To Code?

How ?

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- Learn from A Book
- Lectures
- Friends
- *Internet* !

# The Internet Way of Learning

```
}
```

Let's look at a simple program for you to try out on your own.

```
#include <iostream>

using namespace std;

int main()                          // Most important part of the program!
{
  int age;                          // Need a variable...

  cout<<"Please input your age: ";  // Asks for age
  cin>> age;                        // The input is put in age
  cin.ignore();                     // Throw away enter
  if ( age < 100 ) {                // If the age is less than 100
     cout<<"You are pretty young!\n"; // Just to show you it works...
  }
  else if ( age == 100 ) {          // I use else just to show an example
     cout<<"You are old\n";         // Just to show you it works...
  }
  else {
    cout<<"You are really old\n";   // Executed if no other statement is
  }
  cin.get();
}
```

## More interesting conditions using boolean operators

Boolean operators allow you to create more complex conditional statements. For example, if you wish to check if a variable is both greater than five and less than ten, you could use the boolean AND to ensure both var > 5 and var < 10 are true. In the following discussion of boolean operators, I will capitalize the boolean operators in order to distinguish them from normal English. The actual C++ operators of equivalent function will be described further into the tutorial - the C++ symbols are not: OR, AND, NOT, although they are of equivalent function.

# The Internet Way of Learning

The Example looks good
How do i try it ?

# Faster ways ?

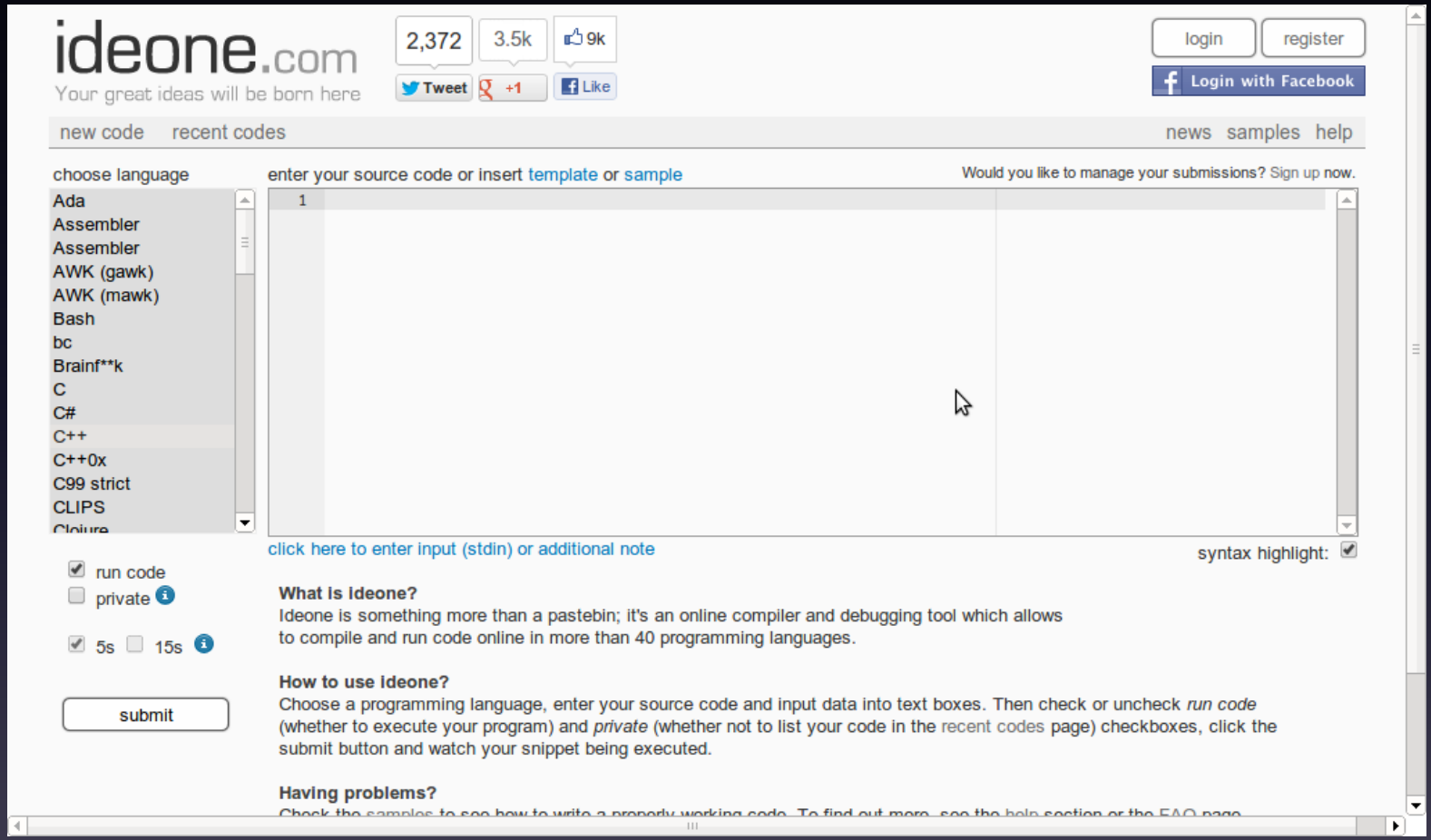
6 steps before you see your code running !
We can try doing better!

# IdeLabs For Chrome

Let us move to the *Online* Compilers and Interpreters!

- You might not have the interpreter/compiler installed locally
- Probably faster ?

# Ideone.com : An Online Interpreter



# IdeLabs For Chrome

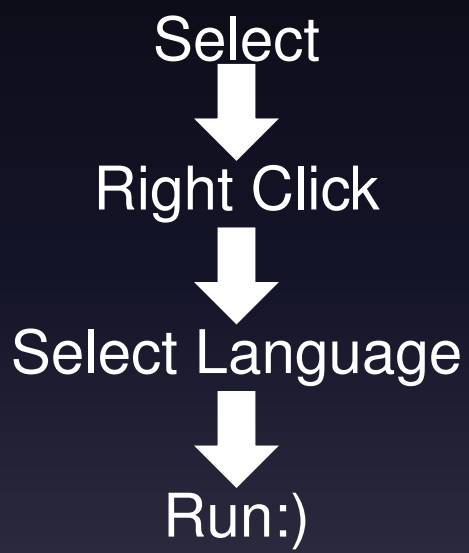
So What is it ?

- A *Simple* Chrome Extension
- Run your code from your Browser. Directly !

# ’Traditional’ Way

Lets recap the Steps :

# IdeLabs for Chrome Steps



# How it Works ?

Utilises *contexMenu* of Chrome to add an option to the right click menu

A background.html page listens for requests

Receive *selectedText* request and fireup a fancybox

Fire a *POST* request to the ideone.com API

Get *Response* from the Server and voila!

s

# The Cherry!

## We have a Scilab interpreter too !

Scilab is a software used for numerical and scientific computations!

Uses the API of our own Project : Scilab on Cloud http://scilab-test.garudaindia.in/cloud

# Powered by


And

# The Logo!

# Questions?