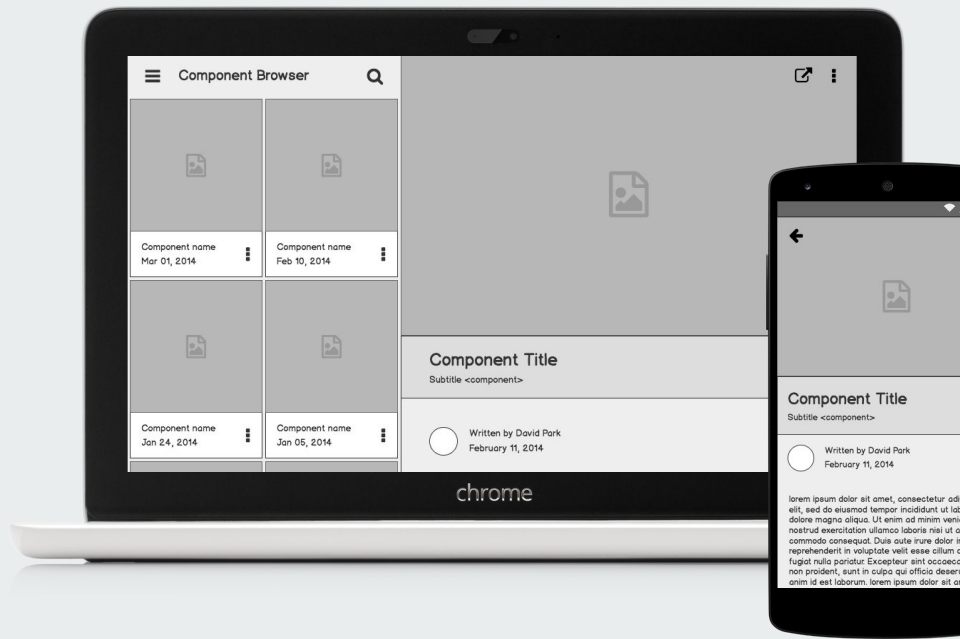
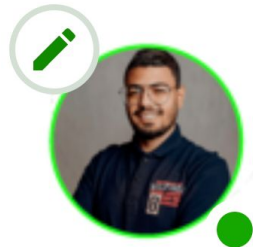




Introduction To Programming



Meet your presenter



Ahmed G. 

 Cairo, Egypt

100%

Job Success

 **TOP RATED PLUS**

Ahmed Gamal

- Guru at Udacity
- Top Rated Plus Software Engineer at Upwork
- Instructor at ITI
- Instructor at NTI
- Technical Consultant at TIEC

Outline

What I Need To Start

History Of Computer Language

Programming Languages



You need to

- Zero Knowledge Of Programming
- Meaning Of Programming
- Programming Languages
- Using of languages
- Requirements
- Why you need Programming? (Goal)
- The Important of basics and good build

History Of Computer Language





```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      cout << "Hello World!";
8
9      return 0;
10 }
```



```
console.log("Hello World!");
```



```
1 print('Hello, world!')
```




How we write Code

Text Editor VS IDE

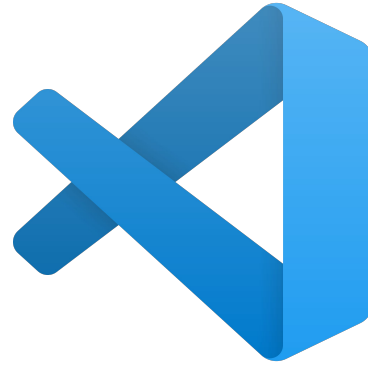


Text Editor





IDE



Code::Blocks

How my code Run (Compiled)

Interpreted VS Compiled

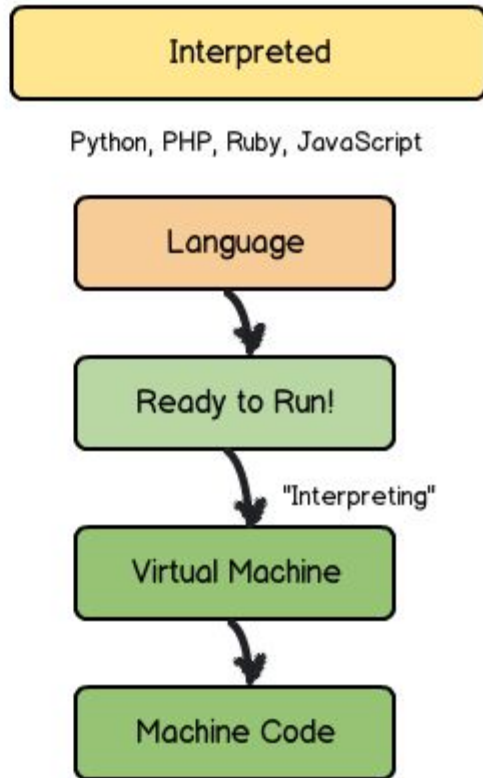


Interpreted

What is Interpreted Language?

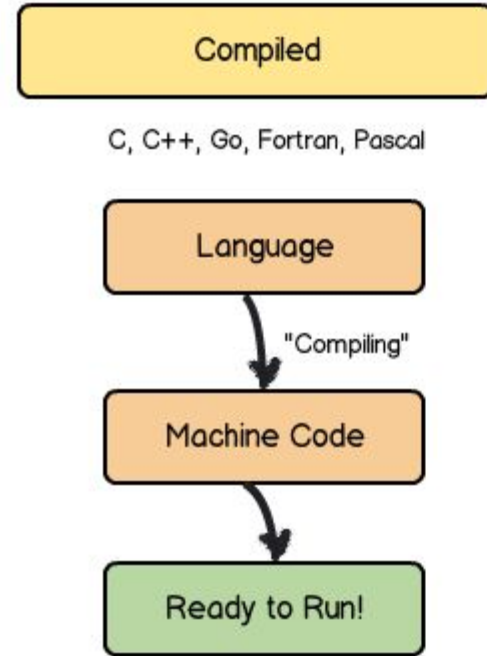
An interpreted language is a programming language that is generally interpreted, without compiling a program into machine instructions. It is one where the instructions are not directly executed by the target machine, but instead, read and executed by some other program.

Interpreted language ranges – JavaScript, Perl, Python, BASIC, etc.



Compiled

A compiled language is a programming language that is generally compiled and not interpreted. It is one where the program, once compiled, is expressed in the instructions of the target machine; this machine code is undecipherable by humans. Types of compiled language – C, C++, C#, CLEO, COBOL, etc.



Solution Proposal



Ways To Be Programmer

- Web Developer
- Mobile Developer

Web Developer

Front End

- HTML
- HTML5
- CSS
- CSS3
- JavaScript
- Framework



Web Developer

Back End

- Programming Language
 - JavaScript - PHP - Python
- Database
 - SQL - mySQL - MongoDB



Mobile Development



Mobile Technologies



Android



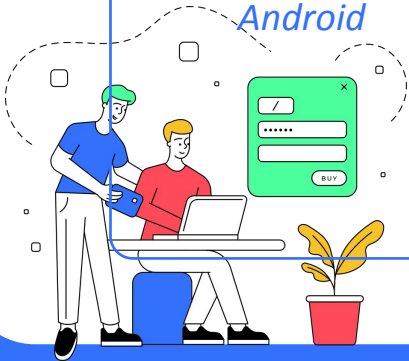
iOS



React Native



Flutter





Next Steps



What next?

- Introduction To Web Technology.
- HTML & HTML5
- CSS & CSS3
- JavaScript

Questions?
