





# مهم جداً

هذا الملف للمراجعة السريعة واخذ الملاحظات عليه فقط ،لانه يحتوي على اقل من 20٪ مما يتم شرحه في الفيديوهات  
الاستعجال والاعتماد عليه فقط سوف يجعلك تخسر كمية معلومات وخبرات كثيرة

يجب عليك مشاهدة فيديو الدرس كاملا  
لاتنسى عمل لايك ومشاركة القناة لتعلم الفائدة لجميع  
لا تنسونا من دعائكم

**ProgrammingAdvices.com**

Mohammed Abu-Hadhoud





# اساسيات مهنة كل مبرمج لغات البرمجة الجزء 3

## Programming Languages



Mohammed Abu-Hadhoud

26+ Years of Experience

MBA, PMOC, PgMP®, PMP®, PMI-RMP®, CM, ITILF, MCPD, MCSA

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ADVICES LEARN THE  
RIGHT WAY



Computer Foundations

# Why do we have many programming languages?

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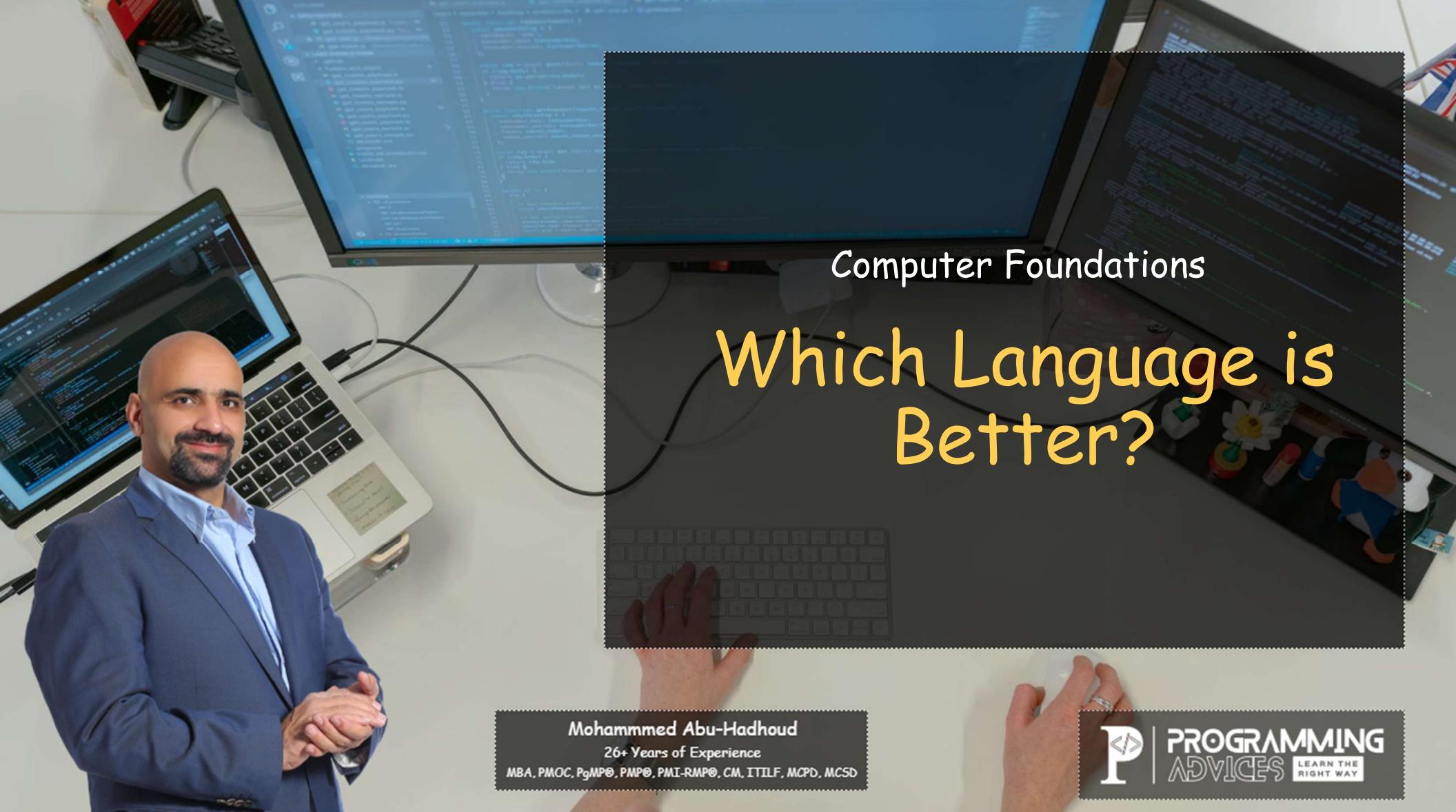
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# Which Language is Better?

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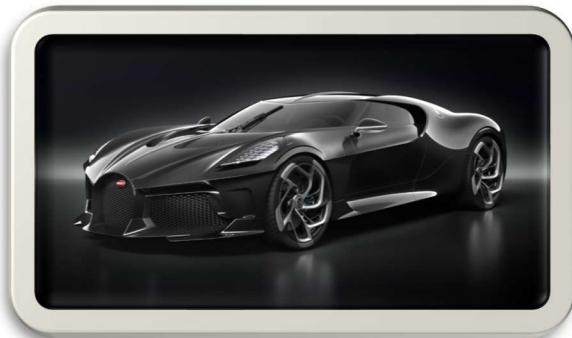
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# What is your best color?

This is incomplete question!!

Cars



Lights



Shirts



# Which Language is Better?

This is incomplete question!!

It Depends on your need

You can use many programming languages at the same time.



Driving Is Important  
not the car itself!



Programming Is  
Important  
not the Language!





Computer Foundations

# No Racism In Programming Languages

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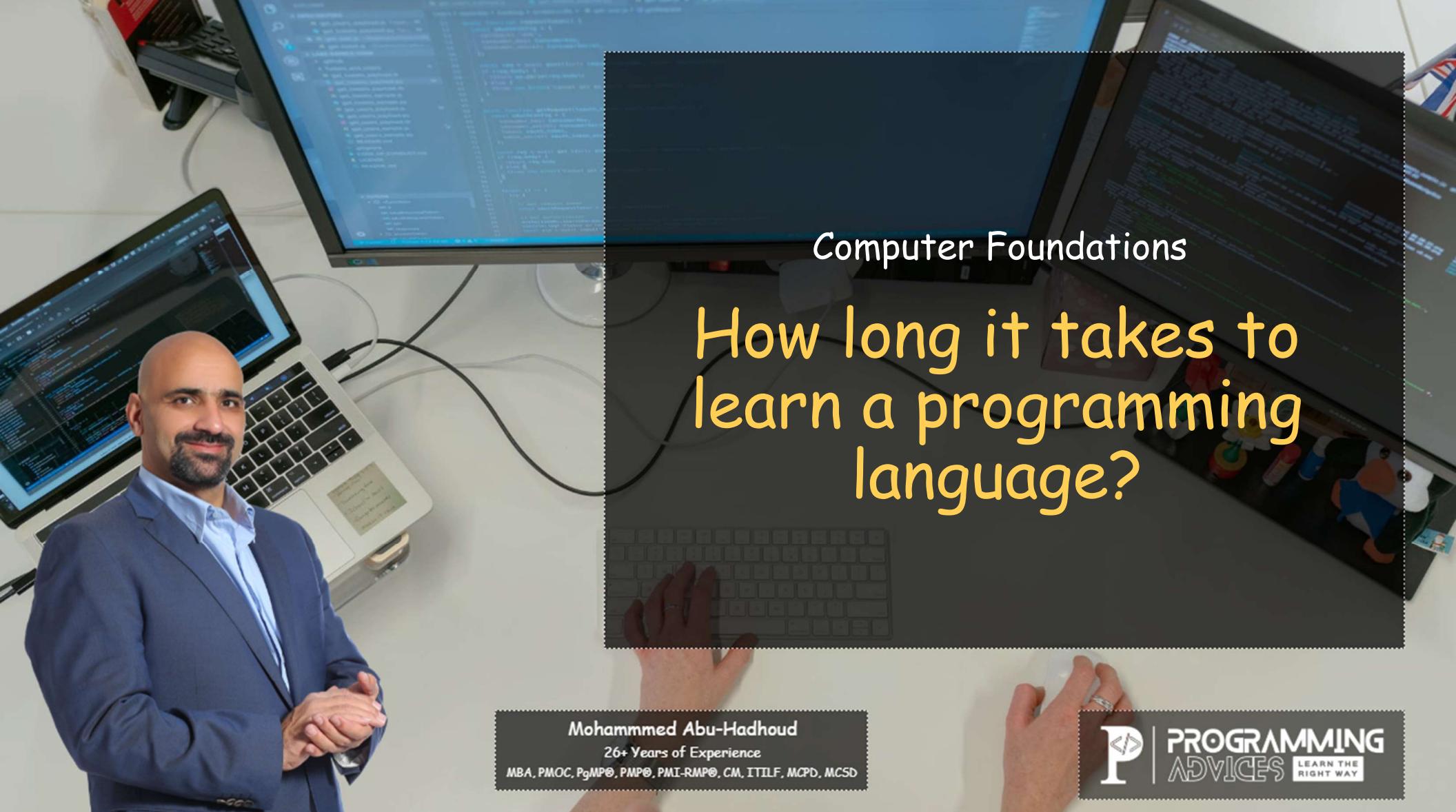
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# Stop Racism In Programming Languages!



Computer Foundations

# How long it takes to learn a programming language?

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# Less than a month's time



Driving Is Important  
not the car itself!



Programming Is  
Important  
not the Language!



# Learning a Programming Language Is **5%** of Learn Programming

# **Understand the difference between**

## **Programming &**

## **Programming Language**



# Programming Equals Programming Language



Programming  
**NOT Equals**  
Programming Language





# Driving

# Programming Languages

**Are only tools !!**

Mastering them alone will not  
make you a good developer !!

Mastering a programming language is only

**5%**

of learning programming!



**DONT WASTE YOUR TIME LEARNING  
MORE THAN ONE PROGRAMMING  
LANGUAGE!**

# Programming Languages

**DONT WASTE YOUR TIME LEARNING  
MORE THAN ONE PROGRAMMING  
LANGUAGE!**

If you master one language you  
can learn any other language in  
less than a month's time



All programming languages share the same concepts,  
the only difference is Syntax/Tools.

# **Focus on learning**

## **"Programming"**

**Not Programming languages!**





# Computer Foundations

# What is Programming?

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PROGRAMMING  
ADVICES

LEARN THE  
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# Programming is...

A process of creating a set of instructions that tell a computer how to perform a task.

It all depends on:

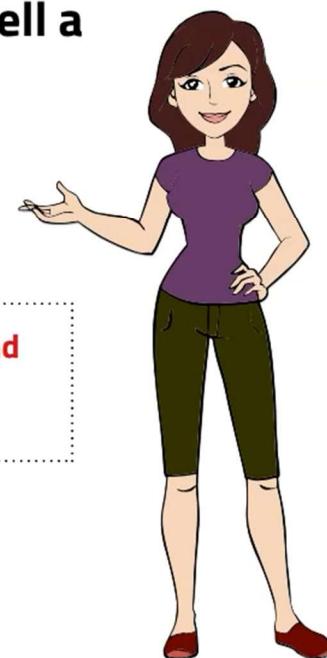
Logic

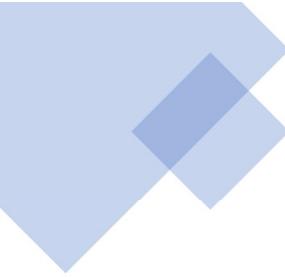
Analysis

Thinking

Ability to find  
solutions

Regardless of any programming  
language!





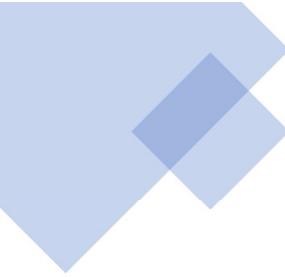
# To make it easy for you..

Suppose that you want to be a chef



   
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## To make it easy for you..

Suppose that you want to be a chef

You spend all your time  
to learn how to cook



   
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# If you want to cook Pizza



There are steps and process to make it



# If you want to cook Pizza



There are steps and process to make it

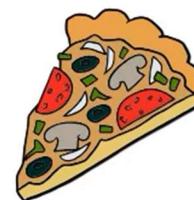
Of course you need tools to help you make it



# If you want to cook Pizza



**YouTube**  
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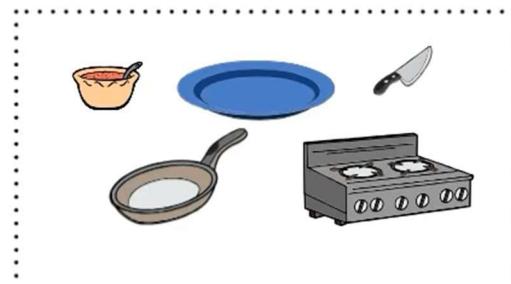


Cooking itself is  
"Programming"



There are steps and process to make it

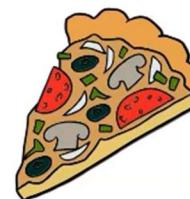
Of course you need tools to help you make it



# If you want to cook Pizza



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Cooking itself is  
"Programming"



There are steps and process to make it

Of course you need tools to help you make it



Tools are  
"Programming Languages"



## Having all cooking tools alone



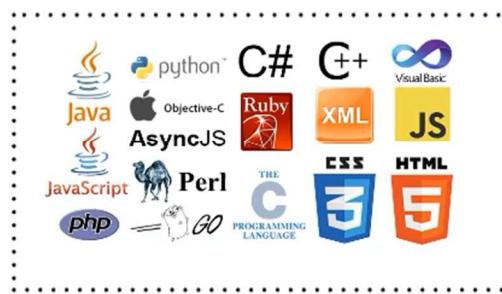
**Will not make you a good chef**  
**You should focus to learn how to**  
**cook rather than only buying**  
**cooking tools**



## Therefore mastering programming languages alone



  
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**Will not make you a good developer**

**You should focus to learn**

**"Programming" rather than only  
learning "Programming Languages"**

# We agreed to Focus on

## Improving your...

Logic

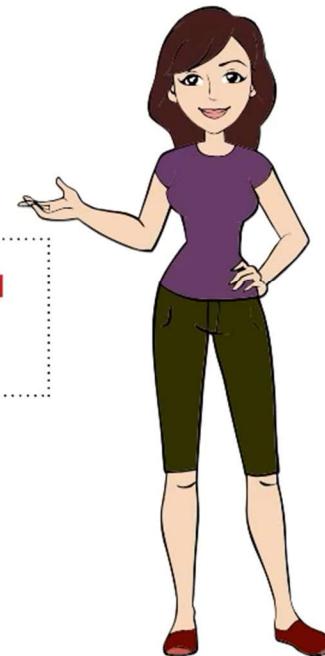
Analysis

Thinking

Ability to find  
solutions

only using one programming language!

But how and which Language??



Never ever start with a modern  
programming language!!





**C++ = Salary ++**

