



**PROGRAM!!**



# WHAT IS PROGRAMMING??

# WHY PROGRAMMING!!

▶ **Daily accessories**

# WHERE TO START!!

- ▶ **Understand the Programming logic .**
  - ▶ **Art of Articulation analogously translate to understanding .**
- ▶ **Program Algorithm .**

# LANGUAGES!!!

- ▶ **C**
- ▶ **C++**
- ▶ **FORTARN**
- ▶ **JAVA**
- ▶ **COBOL**
- ▶ **PYTHON**
- ▶ **RUBY**

# IDEs

- ▶ **Integrated Development Environment .**

- ▶ **int main()**  
    {  
    **printf("hello");**  
    **return 0;**  
    }



# How to go about Programming!!

- ▶ **MOTIVATION .**
- ▶ **PRACTICES .**
- ▶ **BABY STAPS .**
- ▶ **TRIAL & ERROR .**

# Why to learn Programming

- ▶ **Build something new**





# INTRODUCTION TO SCRATCH

- ▶ **A software that helps you to learn and develops your programming science and algorithm logic also .**
- ▶ **Easy to understand with fun .**



WHY PYTHON!!

# WHAT IS PYTHON!!

- ▶ **Python is a popular programming language. It was created by Guido van Rossum, and released in 1991.**
- ▶ **It is used for:**
  - ▶ **web development (server-side),**
  - ▶ **software development,**
  - ▶ **mathematics,**
  - ▶ **system scripting.**

# WHY PYTHON

- ▶ **Python works on different platforms (Windows, Mac, Linux, Raspberry Pi, etc).**
- ▶ **Python has a simple syntax similar to the English language.**
- ▶ **Python has syntax that allows developers to write programs with fewer lines than some other programming languages.**
- ▶ **Python runs on an interpreter system, meaning that code can be executed as soon as it is written. This means that prototyping can be very quick.**
- ▶ **Python can be treated in a procedural way, an object-oriented way or a functional way.**