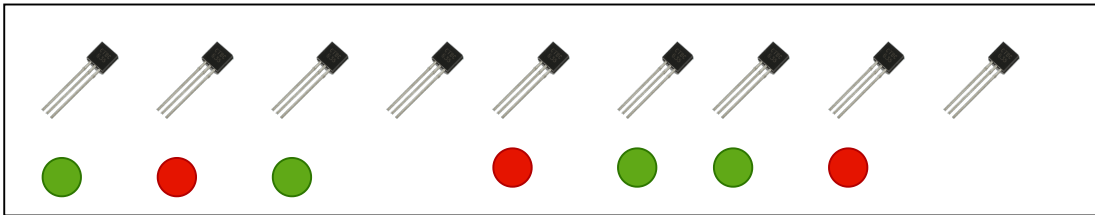


Machine Code



Processor i3, i7, i9

Binary Language

+

101

01011

0110

01011

Problems

1/0 nahi hoga

Assembly Language

5

+

6

101

+

0110

=

01011

11

High Level Language

FORTRAN -1957, COBOL - 1959

Human Readable Format me coding yaha se chalu hua

Procedural Language

C Language

Procedures and functions me code ko likh sakte hai..

Object Oriented Programming

C++, Java Language

Objects ke format me coding

Scripting Languages

Python, Perl, Ruby

Domain Specific Languages

SQL

HTML

CSS

Modern Languages

Rust

Dart

Go

Python

Do same work in less lines of code.

Very Simple and easy to read and understand

It is a procedural and Object oriented both.

Python is capable of Scripting also.

Modules and Libraries and so many... For each and every thing. We don't need to write much code.

Very Big Community and ecosystem



Procedural

Line by Line

Procedures / Functions

Object Oriented

Wall Template (classes)

Bricks Object/ Class(template)

Terrace Object

Encapsulation

Inheritance

Polymorphism

har chiz jo Noun hai usko object bana sakte hai...

1500 Line

Machine Code

Love Calculator



Basic concepts of Programming Language

Input / Output

Functions

Variables

Loops

List/Array[]

If/Else (Conditionals)

Modules

How python works?

Operators