



INTRO TO PROGRAMMING

AUTOMATION OF ACTIONS

X → 400

Paint(400,800,362511);

Coordinates

RGB Code



Y → 800

Brown #231709	Coffee #4B371C	Mocha #3C280D	Peanut #795C34
Carob #362511	Hickory #371D10	Wood #3F301D	Pecan #4A2511
Walnut #432616	Caramel #65350F	Gingerbread #5E2C04	Syrup #481F01
Chocolate #2E1503	Tortilla #9A7B4F	Umber #352315	Tawny #80471C
Brunette #3B1E08	Cinnamon #652A0E	Penny #532915	Cedar #4A3728



Download from
Dreamstime.com

This watermarked comp image is for previewing purposes only.



ID 63821699

Prapasiri Amornchaiwuttikul | Dreamstime.com

WHAT IS PROGRAMMING?

Programming Language

```
Print("Hello World!");
```

Compiler

Machine Language

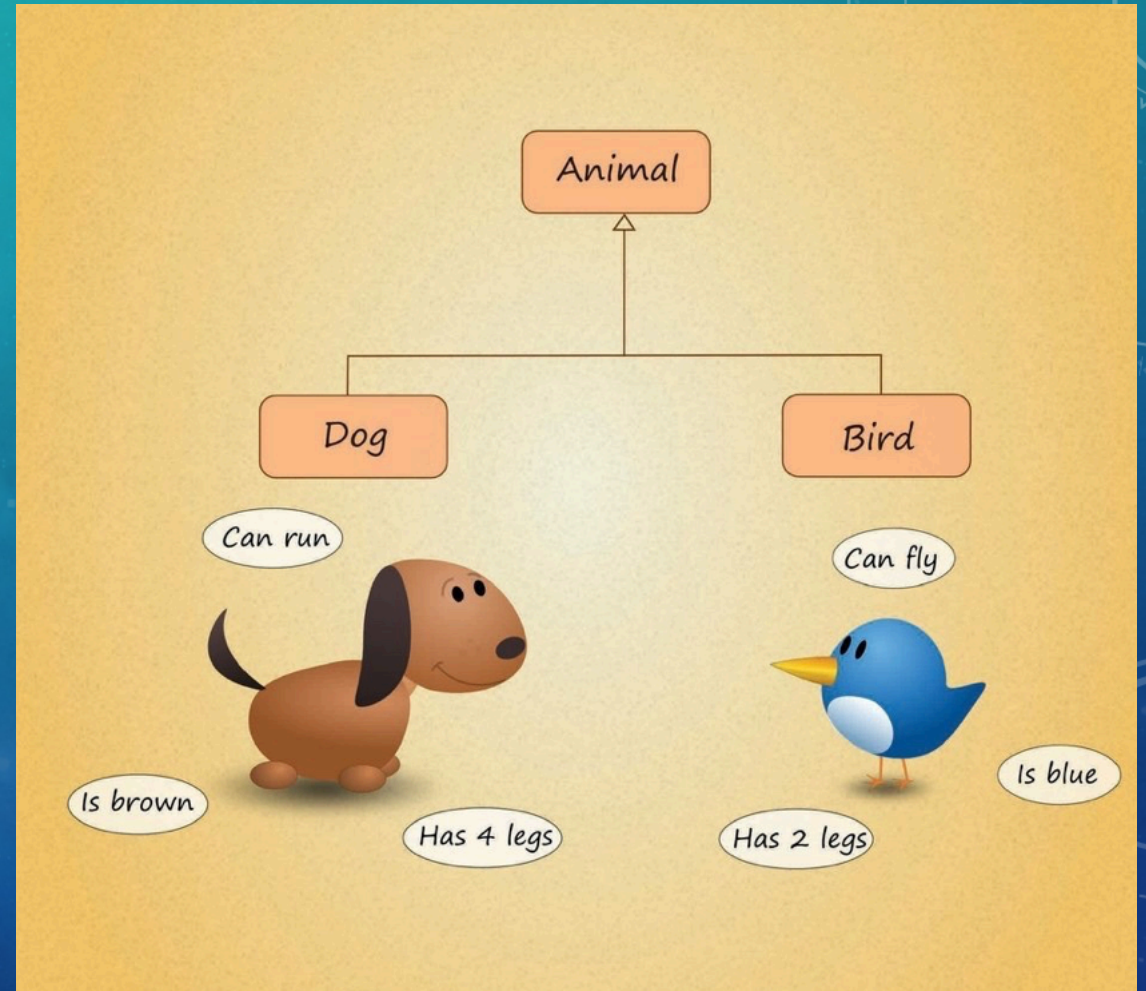
```
10001100011100110000111100000111111
```



Hello World!

WHY JAVA?

- Object-oriented language, found in 1995
- Owned by Oracle
- Most popular programming language



HELLO.JAVA

```
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("Hello, World");  
    }  
}
```

CALCULATOR.JAVA

- Sum
- Subtract
- Multiply
- Divide
- Average (Do it yourself!)
- Maximum
- Minimum (Do it yourself!)

DRAW PICTURE WITH SHAPES

- Circle
- Triangle
- Square