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# Advanced Coding Club using JavaScript (week 1)

Mr Johanson

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# What is computer programming/coding ?

Computer programming is the art of telling a computer what to do through a set of instructions.

It is like using a spoken language like English, French, Russian, but for computers



```
var lay,layMnu,cam,lst;
function OnStart()
{
    lay = app.CreateLayout( "Absolute" );
    layMnu = app.CreateLayout( "Absolute" );

    cam=app.CreateCameraView(1,1);
    cam.SetOnReady(ready);
    lay.AddChild(cam);

    var btn=app.CreateButton("[fa-bars",-1,-1,"Custom.fontawesome");
    btn.SetStyle( "#6666ee66", "#6677ff77", 15, "#ff006600", 2, 0 );
    btn.SetTextColor("#224422");
    btn.SetOnTouch(toggleMenu);
    btn.SetPosition(0.8,0);
    lay.AddChild(btn);
}
```



**Did you know?**

**Computer coding or programming, has been around since world war 2?!**

# JavaScript

One of the world's most popular and powerful programming languages.

- Makes Dynamic Web Pages.
- You can make Mobile apps.
- You can create Games (with lots of coding!)
- Make Minecraft Mods!
- Makes Mobile Phone Games!
- Can make Robotics , lights , sensors and all sorts of other electronics work



# DroidScript

What you'll be using on your tablets

- Only the Tablets (Android and not Apple!)
- This is a version of Javascript especially designed to make Mobile Apps and web pages.
- This is a special version that allows you to create applications, games and control other items like robots and even make applications that you can sell on the google store.

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**Lets take a look at your  
tablet computer....**

# Things to remember....

You've already  
done Scratch so  
you are already  
**CODERS!**

Don't be afraid to  
ask any  
questions!

Send any to Mr Davies or Mr  
Mcallister who will send them  
onto me and I'll answer as best  
I can!

Teamwork will  
make you a  
better coder and  
help make  
applications  
much quicker



# At the end

We will program something like this to move around and avoid obstacles, using javascript and your tablet!.

