Java was originally designed as a programming language for home appliances. Meant to work on a wide variety of computer processors where the compiler would be cheap. The **source code** (main code you write) is converted to **byte code** (code the java compiler converts to). Which would be easy to convert to machine code that all appliances (that has the JVM) could run. Java is an **object oriented programming** language (OOP). This means that java primarily works with objects and the actions the objects can do called Methods.