

ASSIGNMENT 04 - PROGRAMMING A COMPUTER (SOFTWARE)

1. There are literally hundreds of programming languages that exist. In theory, you could write any program you want with any programming language. However, in practice, each programming language has their own niche area for specific types of programming. For example, the JavaScript programming language (not the same as Java!) was initially designed for the web. Every web browser supports JavaScript and 99.9% of all websites that exist are partially built with JavaScript. C# is commonly used to design Windows applications and is also used in web design. Many programming languages utilize premade code libraries/frameworks tailored for a specific type of programming. For example, the C# programming language uses the .NET Framework (you will download this framework in the next lesson) that makes C# application and web programming possible.

Search and list 3 different programming languages that are most used for each area of programming (some languages may be used in more than one area):

Web Design:

- i.
- ii.
- iii.

Embedded Systems / Hardware Drivers:

- i.
- ii.
- iii.

Mobile App Development (iPhone, Android, etc.):

- i.
- ii.
- iii.

Local Application Development (Windows, MAC, etc.):

- i.
- ii.
- iii.