

```
class Unit(object):  
    def __init__(self, **kwargs):  
        self.name = kwargs.get("name")  
        self.damage = kwargs.get("damage")  
        self.armor = kwargs.get("armor")  
        self.hit_points = kwargs.get("hit_points")  
        self.current_hit_points = kwargs.get("current_hit_points")  
        self.level = kwargs.get("level")
```

```
    def attack(self, enemy: 'Unit'):  
        """
```

```
        Attack enemy unit. Return  
        """
```

```
        damage to enemy = self.damage - enemy.armor  
        enemy.current_hit_points -= damage to enemy
```

BACKEND LANGUAGES FOR MOBILE APPS

Best Backend Languages For Mobile Apps



Back-end development involves developing the site from the server-side, where you are primarily concerned with the site functionality. It focuses on making updates and changes in addition to monitoring the functionality of the site.

Backend developers are responsible for communicating database information to the browser. The focus of backend developers is on a site's responsiveness and speed. Backend languages enable developers to create dynamic mobile and web applications that are different from static websites. Backend developers are responsible for everything you cannot see with the naked eye, such as databases and servers. There are several programming languages available to app developers today. Some of the most commonly used backend languages include JavaScript, Ruby, PHP, Java .Net, Swift, Dart, Python, and Kotlin. These programming languages are often supported by frameworks that simplify applications development.

1. JAVASCRIPT

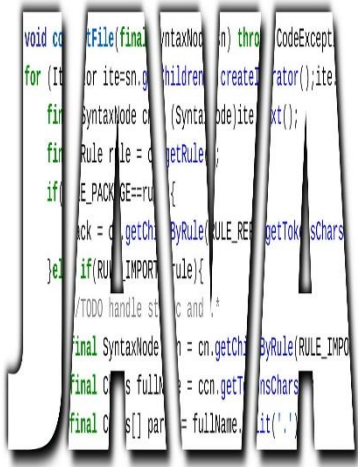
There are several reasons why JavaScript is so popular on the web. The emergence of frameworks such as jQuery, Angular, Vue, Svelte, and React.js has strengthened JavaScript's position as the standard programming language. While developing applications, you can't escape the web. Therefore, it's better to learn JavaScript sooner rather than later.

Even if you don't use Angular JS or React JS, you should know JavaScript since many other libraries are built with it. JavaScript is also the language for server-side validation, so it's well worth learning it.



2. JAVA

One of the most popular, powerful, and effective backend languages with a high job and career growth potential is Java. Java is mostly a server-side programming language used for building robust backend servers, but you can use Java for Android mobile applications as well.



3. SWIFT

For iOS development and building apps for iPhone and iPad, Swift is a great backend language.

For the development of iOS apps, Objective C is being replaced by Swift. It is enough to learn Swift since Swift is the official programming language of iOS.

Here are some primary features of the swift programming language.

With Swift's great IDE Xcode, you can easily include libraries using workspaces. It is self-contained and designed to make coding swift and easy.

Swift is a type-safe language, so it's simple to learn, read, and understand. Most beginner errors are caught in the compilation phase.



The background features a dark blue gradient with various white and light blue icons. At the top, there's a yellow banner with 'HTML' and a code symbol. To the right, there's a Wi-Fi signal icon and a cloud. Below these, a central illustration shows a laptop screen with blue lines of code, a globe icon, and a speech bubble containing '</>'. Other speech bubbles with '01' and curly braces are scattered around.

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