# FullStack.Cafe - Tech Interview Plan

## Q1: What is .NET Core? ☆

**Topics:** .NET Core

### Answer:

The .NET Core platform is a new .NET stack that is optimized for open source development and agile delivery on NuGet.

.NET Core has two major components. It includes a small runtime that is built from the same codebase as the .NET Framework CLR. The .NET Core runtime includes the same GC and JIT (RyuJIT), but doesn't include features like Application Domains or Code Access Security. The runtime is delivered via NuGet, as part of the ASP.NET Core package.

.NET Core also includes the base class libraries. These libraries are largely the same code as the .NET Framework class libraries, but have been factored (removal of dependencies) to enable to ship a smaller set of libraries. These libraries are shipped as `System.*` NuGet packages on NuGet.org.

## Q2: What is the difference between `String` and `string` in C#? ☆

**Topics:** .NET Core

### Answer:

`string` is an *alias* in C# for `System.String`. So technically, there is no difference. It's like `int` vs. `System.Int32`.

As far as guidelines, it's generally recommended to use `string` any time you're referring to an object.

```
string place = "world";
```

Likewise, it's generally recommended to use `String` if you need to refer specifically to the class.

```
string greet = String.Format("Hello {0}!", place);
```