**-What’s enum data type, when is it used? Name three common built-in enums.**

* **enum (enumeration)** is a value type that defines a set of **named constants** (integers by default).
* It's used to represent a group of related constants to make code **more readable** and **less error-prone**.

**Used When:**

* You want to give meaningful names to a set of numeric values (e.g., days, statuses, options).

**Three Common Built-in Enums:**

1. DayOfWeek – Represents days from Sunday to Saturday.
2. ConsoleColor – Used to set text/background color in the console.
3. DialogResult – Represents the result of a dialog box (OK, Cancel, etc.).

**-Scenarios to use string vs StringBuilder**

**Use string when:**

* You have **few or simple string operations**.
* You are working with **readable or formatted outputs**.
* **Performance is not critical**.

**Use StringBuilder when:**

* You need to do **many modifications** (append, insert, replace).
* You're building strings **in a loop** or with **large data**.
* You want **better performance and less memory usage** during concatenation.