Day 32/60 - Lazy Loading in C#

Lazy Loading delays object creation until it's actually needed, optimizing performance and reducing memory usage.

Use Lazy<T> for deferred initialization:

```csharp
private readonly Lazy<DatabaseConnection> _dbConnection = new Lazy<DatabaseConnection>();

public void FetchData()
{
 var connection = _dbConnection.Value; // Initialized only when accessed
}
```

Improves speed
Saves resource
Ideal for heavy objects

Use it wisely!

#dotnet #csharp #performance #lazyloading