C# 6 Cheat Sheet

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Auto-property initializers

```
public class Post
{
    public Collection<Comment> Comments { get; private set; }
                = new Collection<Comment>();
}
```

Dictionary initializers

```
var dictionary = new Dictionary<string, string>
{
    ["LAX"] = "Los Angeles Int'l Airport"
}
```

String interpolation

```
var fullName = $"{firstName} {lastName}";
```

Null-conditional operator

```
int? count = post?.Tags?.Count;

int count = post?.Tags?.Count ?? 0;
```

Getter-only auto-properties

```
public class Post
{
    public int Votes { get; } // no "private set"
}
```

Expression bodied members

```
public class Post
{
    public int DaysOld => (DateCreated - DateTime.Today).TotalDays;
}
```