

...cont'd

- 1 Start a new **Console Application**, then name the project and `Console.Title` as "DateFormat"
- 2 Initialize a `DateTime` object and display its value  
`DateTime now = DateTime.Now ;`  
`Console.WriteLine( "Current Date And Time: "+ now ) ;`
- 3 Next, display specific components of the `DateTime` object  
`Console.WriteLine( "\nDay Name: "+ now.DayOfWeek ) ;`  
`Console.WriteLine( "\nDate Only: "+ now.ToShortDateString() ) ;`  
`Console.WriteLine( "\nTime Only: "+ now.ToShortTimeString() ) ;`
- 4 Modify the `DateTime` object and display its new value  
`now = now.AddYears( 4 ) ;`  
`Console.WriteLine( "\n\nFuture Date: "+ now ) ;`
- 5 Now, create a new `DateTime` object and display its value  
`DateTime dt = new DateTime( 2020, 7, 4, 8, 15, 30 ) ;`  
`Console.WriteLine( "\n\nSet Date And Time: {0:f}", dt ) ;`
- 6 Display specific components of the new `DateTime` object  
`Console.WriteLine( "\nDay Name: {0:dddd}", dt ) ;`  
`Console.WriteLine( "\nLong Date: {0:D}", dt ) ;`  
`Console.WriteLine( "\nLong Time: {0:T}", dt ) ;`  
`Console.ReadKey( ) ;`
- 7 Press **Start** or **F5** to run the application and see the formatted date and time output



DateFormat



You need only specify the date components when creating a new `DateTime` object – the time will automatically be set to 12:00 AM (midnight).

```
DateFormat
Current Date And Time: 01/31/2018 13:50:19
Day Name: Wednesday
Date Only: 01/31/2018
Time Only: 13:50

Future Date: 01/31/2022 13:50:19

Set Date And Time: Saturday, July 4, 2020 08:15
Day Name: Saturday
Long Date: Saturday, July 4, 2020
Long Time: 08:15:30
```