Exercise 4: Document XML files

Exercise in documenting two XML files

Part 1: Request to record a TV program

Represents an API request to record a TV program in XML.

```
<recordTV>
  <date>2015-06-01</date>
  <time format="24">18:00</time>
  <duration>1.5</duration>
  <channel>54</channel>
</recordTV>
```

Element		Description	Type	Required	Notes
recordTV		Top level	Record data type	Required	
	date	Date of the program	String	Optional	Date in YYYY–MM–DD format. Default value is today's date.
	time	Time the program starts	String	Required	Attribute: format has a value of "24" "12" for "24" for 24 or 12 hour time format. Format is either HH:MM:SS (AM or PM)
	duration	Length of program	Number	Required	
	channel	Channel to record	Number	Required	

Part 2: Different TV request

```
<recordTV>
  <when date="2015-06-01" time="18:00" format="24"/>
```

```
    <duration hours="1.5"/>
    <station channel="54"/>
</recordTV>
```

Represents an API request to record a TV show with more attributes in XML.

Element	Attribute	Description	Type	Required	Notes
recordTV		Data on when a TV program should be recorded	TV program data	Required	
when		Date and time of the program	String	Optional	
	date	The date	String	Optional	Format is YYYY:MM:DD, default time is today's date
	time	Format is either HH:MM:SS (AM or PM)	String	Required	Formai is HH:MM:SS, followed by "a.m." or "p.m."
	format	The format is based on a 24-hour-clock	Number	Required	Format is is based on a 24 hour system
duration		Length of the program	Number	Required	
	hours	Length of the program, in hours	Number	Required	
station	The station of the TV broadcast		Number	Required	

		channel	Channel to record	Number	Required	