**Temperature Conversion**

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| Line: | Input Line | [Medium Difficulty](http://fstcat-csharp-exercises.azurewebsites.net/Exercises/IconGlossary.html#DIFF) [Input](http://fstcat-csharp-exercises.azurewebsites.net/Exercises/IconGlossary.html#IN) [Learning Outcome One](http://fstcat-csharp-exercises.azurewebsites.net/Exercises/IconGlossary.html#LO) Learning Outcome Three [Exercise](http://fstcat-csharp-exercises.azurewebsites.net/Exercises/IconGlossary.html#EX) | |
| Type: | Exercise |
| You should have completed: | [**Console Menu**](http://fstcat-csharp-exercises.azurewebsites.net/Exercises/ConsoleMenu.html) | This topic leads to: | [**Bad Data**](http://fstcat-csharp-exercises.azurewebsites.net/Exercises/BadData.html) |

**Summary**

This exercise will put the previous topics into practice creating a simple temperature converter application. This application will

* Allow the user to choose between a Celsius to Farenheit conversion or a Farenheit to Celsius conversion
* Allow the user to enter a temperature to be converted
* Display the results in a user friendly manner to the user.

**Task**

1. Create a console application which satisfies the above requirements
2. Add the option(s) and ability to convert from either of these scales to Kelvin
3. Add the ability for the user to perform subsequent conversions

**Notes**

1. You need to understand the solution before you can program the computer, so research the maths used to convert one temperature scale to another before you start writing code.