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| **Application/ Program name:** | CH2\_EX12 |
| **Written by:** | Allen J Myers |

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| **Purpose or problem definition:** |
| C++ program that prompts the user to input the elapsed time for an event in seconds. The program then calculates and outputs the elapsed time in days, hours, minutes and seconds. |
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| **Program Procedures:** |
| Program takes user input and converts it into an easier time to read in days:hours:minutes:seconds. |
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| **Algorithm/Processing/Conditions:** |
| **Inputs:** |
| Given amount of time in seconds. |
| **Processes:** |
| Converts amount of time in seconds into days, hours, minutes, seconds. |
| **Outputs:** |
| Displays the days:hours:minutes:seconds. |
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| **Notes & Restriction:** |
| Time past 24 hours seems to work incorrectly with some input values above 86400. |
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| **Comments:** |
| Simple program to calculate the value of seconds in days:hours:min:seconds. |