**Basic Tasks Demo**

Purpose:

Demonstrates several ways to execute Tasks asynchronously. Using the Task and Task<T> classes runs a designated function asynchronously using a threadpool thread.

This package illustrates running:

1. Task with no result using Task.Run(…)
2. Task with no result and a continuation using Task.Factory.StartNew(…)
3. Task<int> with result using Task<int>.Factory.StartNew().Result
4. Task with result and a continuation using Task<int>.Factory.StartNew(…).ContinueWith(…)
5. Task using new Task(…) taking either an Action or a Lambda
6. Task using async await

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