Code Design and Data Structures

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| **Assessment Task Number:** Part 6 – Inter-process Communication | |
| **Unit Code(s):** | **Unit Title(s):** |
| ICTPRG547 | Apply advanced programming skills in another language |
| CUADIG512 | Design digital applications |
| **Instructions to Learners:** | |

For this task you must complete the tutorial on inter-process communication. This tutorial explores the inter-process communication technique of named shared memory.

Named Shared Memory allows us to create a block of memory within one application and map it for use within other applications, using a string to identify the block. NSM is an Operating System specific feature and is not available on all platforms.

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| **Task** | | **Evidence Criteria** |
| 1. | IPC project | Complete the Inter-Process Communication tutorial and submit your completed project. |
| **Submission Requirements:** | | |
| You will need to submit the following:   * A Release build of each application that can execute as a stand-alone program * Your complete Visual Studio project   Be sure to remove any temporary build folders (i.e., the Debug and Release folders). Only project files, source code files, and any resource files used should be included in your submission.  Package all files in a single compressed archive file (.zip, .7z, or .rar) | | |