**Assessment Practical/Observation**

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| **Student Name** | | Delya Peter | | **CIT Number** | CIT243203 | |
| **Competency Title, Code and Banner Code**  **CRN** | | Apply intermediate programming skills in another language, ICTPRG418, INFT450.  34843 | | | | |
| **Assessment Type** | | In the workplace  Simulated environment  Other | | | | |
| **Assessment Name** | | **Assessment 1b** | | | | |
| **Assessment Date** | | Handed out Monday 2 September, due Thursday 26 September. | | | | |
| **Student Statement:** This assessment is my own work. Any ideas and comments made by other people have been acknowledged. I understand that by demonstrating this work for assessment, I agree with this statement. | | | | | | |
| **Student Signature** | | Not required for electronic submission | | **Date** | 25 September 2019 | |
| **PRIVACY DISCLAIMER:** CIT is collecting your personal information for assessment purposes. The information will only be used in accordance with the CIT Privacy Policy. | | | | | | |
| **Assessor Feedback (also complete observation checklist and questions on last page)**  ❑ **Student provided with feedback** | | | | | | |
| **Attempt 1** | | **Satisfactory** | **Not Yet** **Satisfactory** | | **Date** | / / |
| **Attempt 2** | | **Satisfactory** | **Not Yet** **Satisfactory** | | **Date** | / / |
| **Assessor Name** | Don Coutts | | **Assessor Signature** | |  | |

**Assessment 1b - specific performance skills required**

1. **Design, define, and use data structures that are aggregate of other data structures.**

Task: Design a windows form application using a simple structure variable containing at least three different data types.

1. **Code using array of user-defined data types.**

Task: Use the structure variable in paragraph 1. above to fill, and then display, the contents of a 1D array.

1. **Use facilities in language to create, manipulate, ~~and destroy~~ dynamic variables such as arrays.**

Task: This will be automatically fulfilled if you successfully complete the task in paragraph 2 above. Note that destroying dynamic variables is a redundant process in C# since dynamic variables are automatically destroyed after use.

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| **Observation Checklist (to be filled in by Assessor)**  **During the demonstration of skills, did the student satisfactorily:** | **Attempt 1** | | **Attempt 2** | |
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|  | **S** | **NYS** | **S** | **NYS** |
| 1. Design, define, and use data structures that are aggregate of other data structures. (Competency Element 1.1) |  |  |  |  |
| 1. Code using array of user-defined data types (Competency Element 1.2) |  |  |  |  |
| 1. Use facilities in language to create, manipulate, ~~and destroy~~ dynamic variables such as arrays. (Competency Element 1.3) |  |  |  |  |