**Assessment Practical/Observation**

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| **Student Name** | | Grace Toyer | | **CIT Number** | CIT014747 | |
| **Competency Title, Code and Banner Code**  **CRNs** | | Apply advanced programming skills in another language, ICTPRG523, INFT 988.  Apply advanced object-oriented language skills, ICTPRG532, INFT  34844, 34845 | | | | |
| **Assessment Type** | | ☐ In the workplace ☐ Simulated environment ☒ Other | | | | |
| **Assessment Name** | | **Assessment 5** | | | | |
| **Assessment Date** | | Due at midnight Thursday 28 November 2019 | | | | |
| **Student Statement:** This assessment is my own work. Any ideas and comments made by other people have been acknowledged. I understand that by emailing or submitting this assessment electronically, I agree to this statement. | | | | | | |
| **Student Signature** | | **Not required – submitted electronically** | | **Date** | 27/11/2019 | |
| **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** | |  | |
| **Note to Assessor:** Please record any reasonable adjustment that has occurred for this assessment. | | | | | | |

**Information for Students:** You may have two (2) attempts for this assessment.

* If your **first** attempt is not successful, your teacher will discuss your results with you and will arrange a second attempt.
* If your **second** attempt is not successful, you will be required to re-enrol in this unit.

**Time Allowed**: Handed out as short exercises in Sessions 13 and 14. Must be completed and uploaded to the *Upload Assessment 5* link in the Assessment area on eLearn by midnight on Thursday 28 November 2019.

**Materials Provided:** Assessment task instructions as provided below.

**Assessment Range and Conditions**: Open book, based on theory and techniques discussed in Sessions 14 and 15, and the skills acquired earlier in the semester. Unsupervised, to be completed in the lab or off-campus.

Evidence submitted beyond the due date will be eligible for a Pass grade only, unless prior advice is received that is accompanied by a medical certificate or equivalent document.

**Submissions must comprise zip files containing:**

* **all files necessary to view and run each application, and**
* **this document with the student name, ID, and date correctly filled in on the first page. I will fill in the checklist on page 3 and return that to you as your evidence of satisfactory completion.**

**Assessment Criteria:** This is a graded assessment. Grades will be awarded according to the rubric below. Any re-submission or request for assistance is eligible for a Pass grade only in this assessment.

To achieve at least a Pass result, you must satisfactorily meet the requirements in the Observation Checklist on page 3.

If you wish to achieve a higher grade, you should aim to make your application look like a professional piece of work that conforms to current industry standards.

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| **High Distinction (HD)** | Evidence of outstanding quality in the achievement of the learning outcomes of the subject, which may be demonstrated in areas such as logical argument, originality, creativity or the ability to resolve issues and provide technical guidance to others across a range of contexts. |
| **Distinction (D)** | Evidence of superior quality in the achievement of the learning outcomes of the subject, demonstrating a sound grasp of content, together with efficient organisation and selectivity. |
| **Credit (CR)** | Evidence of more than satisfactory achievement of the learning outcomes of the subject, or work of superior quality on a majority of the learning outcomes of the subject. This should be achieved with little or no assistance or need for repetition. |
| **Pass (P)** | Evidence of satisfactory achievement of the learning outcomes of the subject. |
| **Fail (F)** | If you did not successfully achieve the required learning outcomes. |

**Assessment Task Instructions for Students**

**Session 13 exercise (as stated in that session)**

You need to develop two small projects: one to set up a DLL class library file to contain some simple methods involving calculations, and the other to develop a simple Windows Forms application to reference the methods from the DLL file.

You may base your projects on the code used in the video, but you MUST arrange for a different set of calculations or operations and not copy the examples given.

**Session 14 exercise (as stated in that session)**

You need to create a simple client-server application. If you wish, you may use the example provided in the notes.

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| **Observation Checklist**  **During the demonstration of skills, did the student satisfactorily:** | **Attempt 1** | | **Attempt 2** | |
| **Apply advanced programming skills in another language** | **S** | **NYS** | **S** | **NYS** |
| 1. Session 13 exercise – Dynamic Linked Libraries. (competency sub-elements 4.1, 4.2, 4.3) | ☐ | ☐ | ☐ | ☐ |
| 1. Session 14 exercise – Client-server applications (competency sub-elements 3.1, 3.2, + ICTPRG532) | ☐ | ☐ | ☐ | ☐ |