# Skills Assessment

## Criteria

### Unit code, name and release number

ICTPRG532 - Apply advanced object-oriented language skills (1)

ICTPRG504 - Deploy an application to a production environment (1)

### Qualification/Course code, name and release number

ICT50718 - Diploma of Software Development (1)

## Student details

### Student number

### Student name

## Assessment Declaration

* This assessment is my original work and no part of it has been copied from any other source except where due acknowledgement is made.
* No part of this assessment has been written for me by any other person except where such collaboration has been authorised by the assessor concerned.
* I understand that plagiarism is the presentation of the work, idea or creation of another person as though it is your own. Plagiarism occurs when the origin of the material used is not appropriately cited. No part of this assessment is plagiarised.

### Student signature and Date

Version: *1.0*

Date created: *3 July 2018*

Date modified: *11/06/2021*

For queries, please contact:

*SkillsPoint*

*Location*

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RTO Provider Number 90003 | CRICOS Provider Code: 00591E

This assessment can be found in the: [Learning Bank](https://share.tafensw.edu.au/share/access/searching.do?doc=%3Cxml%2F%3E&in=P7ac4831b-430a-4b8d-8b56-f7b32ed5b9cf&q=&type=standard&sort=rank&dr=AFTER)

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## Assessment instructions

Table 1 Assessment instructions

| Assessment details | Instructions |
| --- | --- |
| **Assessment overview** | The objective of this assessment is to assess your knowledge and performance as would be required to undertake advanced programming tasks using an object-oriented programming language. It applies to individuals who are programmers producing complex object-oriented programming. |
| **Assessment Event number** | 2 of 2 |
| **Instructions for this assessment** | This is a skill based assessment and will be assessing you on your ability to demonstrate skills required in the unit.  This assessment is in 3 parts:   1. Practical 2. Assessment Feedback |
| **Submission instructions** | On completion of this assessment, you are required to upload it to Moodle for marking.  Ensure you have written your name at the bottom of each page of all reports required of this assessment.  It is important that you keep a copy of all electronic and hardcopy assessments submitted to TAFE and complete the assessment declaration when submitting the assessment. |
| **What do I need to do to achieve a satisfactory result?** | To successfully complete this assessment the student will be available at the arranged time to complete all the assessment criteria as outlined in the assessment instructions.  All parts of the observable task must be performed to a satisfactory level as indicated in the criteria section of the Observation Checklist.  All oral questions must be answered correctly to be deemed satisfactory in this assessment task; however, Assessors may ask questions to clarify understanding. |
| **What do I need to provide?** | N / A |
| **Due date/time allowed/venue** | 29/11/2020 11:59 pm |
| **Assessment feedback, review or appeals** | In accordance with the TAFE NSW policy *Manage Assessment Appeals,* all students have the right to appeal an assessment decision in relation to how the assessment was conducted and the outcome of the assessment. Appeals must be lodged within **14 working days** of the formal notification of the result of the assessment.  If you would like to request a review of your results or if you have any concerns about your results, contact your Teacher or Head Teacher. If they are unavailable, contact the Student Administration Officer.  Contact your Head Teacher for the assessment appeals procedures at your college/campus. |

## Specific task instructions

The instructions and the criteria in the tasks and activities below will be used by the assessor to determine whether the tasks and activities have been satisfactorily completed. Use these instructions and criteria to ensure you demonstrate the required skills and knowledge.

If this assessment requires you to record information, your assessor will provide you with an appropriate document/template.

## Part 1: Practical

To complete this part of the assessment, you will be required to participate in a practical demonstration of how to complete a task or activity. These practicals will be observed by your assessor, or can be digitally recorded and submitted as evidence.

Your responses will be used as part of the overall evidence requirements of the unit.

You should refer to the list of criteria in the Observation Checklist to understand what you need to demonstrate in this section of the assessment. This Checklist outlines the assessment criteria used to assess your performance.

Once completed you will need to submit this assessment and the tasks and activities you are required to complete to your assessor for marking.

Download the resource folder from Moodle, Modify each of the following **DIY** exercises yourself, Correct errors, implement new code or GUI as per requirements, bring a new look and show your creativity. Use a version control system (Like as GitHub, BitBucket etc.) for code and documentation management for the following project.

**Task 1: DIY (Do It Yourself) 2D Graphics, Animation, Drag and Drop, Socket and Remote Method Invocation:**

1. ~~Modify~~ [~~Line~~](https://swsi.moodle.tafensw.edu.au/mod/resource/view.php?id=553917) ~~project~~
2. ~~Modify~~ [~~Rectangles~~](https://swsi.moodle.tafensw.edu.au/mod/resource/view.php?id=553917) ~~project~~
3. ~~Modify Animation and Effects projects~~
4. ~~Modify Drag and Drop project~~ **~~UI~~ based chat:**
5. Modify [GUI based chat](https://swsi.moodle.tafensw.edu.au/mod/assign/view.php?id=630393) Project
6. [Modify Remote Method Invocation](https://swsi.moodle.tafensw.edu.au/mod/assign/view.php?id=631326)

**Task 2: Create executable/Deployment file:**

1. [Create executable/Deployment file](https://swsi.moodle.tafensw.edu.au/mod/assign/view.php?id=630803)  **for the above project**

Part 2: Assessment Feedback

*NOTE: This section* ***must*** *have the assessor signature and student signature to complete the feedback.*

### Assessment outcome

Satisfactory

Unsatisfactory

### Assessor Feedback

Was the assessment event successfully completed?

If no, was the resubmission/re-assessment successfully completed?

Was reasonable adjustment in place for this assessment event?  
*If yes, ensure it is detailed on the assessment document.*

Comments:

### Assessor name, signature and date:

### Student acknowledgement of assessment outcome

Would you like to make any comments about this assessment?

### Student name, signature and date

***NOTE: Make sure you have written your name at the bottom of each page of your submission before attaching the cover sheet and submitting to your assessor for marking.***