| **Section 1 – Assessment Task Overview and Description** |
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# Student / Class Details

**Full name:** Click or tap here to enter text.

**Student ID:** Click or tap here to enter text.

**Teacher:** Click or tap here to enter text.

**Date / Time started:** Click or tap to enter a date.

By checking the box below, you agree that penalties exist for plagiarized work and that all work submitted is your own. Please refer to the bottom of the document for more information.

I agree and confirm that all work in this assessment is mine

# Tasks

Dod&Gy Pty Ltd have sourced an executable file that will tell them the meaning of life. However, the answer seems to be locked behind a username and three-digit pin.

They have found a list of 20 usernames. Some of which they know are acceptable names.

They also know that the executable always responds with “User not found” if the username provided is not valid. If the pin for the user is invalid, the response is “Incorrect Pin”.

Do not ask how they got this information.

Dod&Gy have provided the executable and an csv of the usernames in a zip file. They have also provided a Python file with a function that will run the executable accepting two parameters; a username and pin. It returns the output of the executable.

**The task they have is:**

1. **Find out a username on the list that is valid.**
2. **For that username find the corresponding 3-digit pin.**

**As optional task, they are asking for:**

1. **All usernames that are valid.**
2. **The corresponding 3-digit pins for all of valid usernames.**

| **Section 2 – Assessment Task Submission Information** | |
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| **Submission Details** | **Due date:** |
| 1. The assessment task must be submitted via Canvas or directly to the teacher with an assessment cover sheet. 2. Ensure to include on the front page or in the header or footer of your assessment:    * your name    * student ID    * your teacher’s name    * the unit code/s and title/s    * the assessment task title 3. Submissions received after the submission date must be approved by your teacher. |

| **Summary of Evidence to be Submitted** |
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| Txt file with the valid username(s) and pin(s) - <studentid>.txt |
| * Dod&Gy.py file with the solution |
| * PDF with a screenshot of the Python script’s output – studentid.pdf |
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| The task will be assessed as satisfactory when all of the required evidence listed has been satisfactorily demonstrated.  \* If applicable, for graded units, the task must be satisfactorily completed before marks will be allocated. Refer to your unit outline for more information. |

| Section 3 – Assessment Task Criteria and Outcome | |
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| *All items/criteria must be demonstrated satisfactorily to achieve this task. The items/criteria for this activity will be assessed as S – Satisfactory or US – Unsatisfactory.* | |
| Items/criteria | |
| 1. | Cracked username |
| 2. | Cracked pin |
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| **Section 4 – General Assessment Information** | |
| **Decision Making Rules** | Each activity in the assessment task must be satisfactorily completed for the task to be assessed as satisfactory.  Every task must be satisfactorily completed to be assessed as competent in the unit.  *\* For graded units, competence must be demonstrated before a mark can be given.* |
| **Plagiarism** | There are serious penalties for plagiarism that may include repeating a new assessment task or being withdrawn for the unit / course.  Students must ensure that all assessments are their own work (or group work and clearly noted as such).  Please refer to [www.swinburne.edu.au/corporate/registrar/plagiarism/index.html](http://www.swinburne.edu.au/corporate/registrar/plagiarism/index.html) |
| **Reasonable Adjustment** | Students may request reasonable adjustment for assessment tasks.  Reasonable adjustment usually involves varying:   * the processes for conducting the assessment (eg: allowing additional time, varying the venue) * the evidence gathering techniques (eg: oral rather than written questioning, use of a scribe, modifications to equipment)   However, the evidence collected must allow the student to demonstrate all requirements of the unit.  If you have any other issue that may impact your ability to undertake the assessment, please discuss with your teacher. |
| **Re-submission** *(where tasks are not satisfactorily completed)* | Assessment tasks that are not satisfactory can be resubmitted up until the end of the unit as scheduled on the Unit Outline. The timing on this may depend on the equipment required for this assessment task.  Resubmissions received after the scheduled unit end date may not be accepted unless approved by the teacher prior to the end date.  Note: Assessment tasks submitted for the first time after the unit end date as scheduled in the Unit Outline will not be assessed and the student should re-enrol into the unit. |
| **Special consideration** | Students may apply for Special Consideration where personal circumstances have adversely affected their task result or ability to undertake an assessment. A Special Consideration form can be completed prior to, but no later than 3 days after, the date of assessment and submitted to the relevant Manager. |
| **Work Health & Safety** | Activities may require the use of equipment or participation in group exercises. If the teacher identifies any unsafe activity or potentially dangerous situations, the teacher can stop the assessment at any time. |