

# AUN1 – AUN1 TASK 1: SCRIPTING IN POWERSHELL

SCRIPTING AND AUTOMATION – D411

PRFA – AUN1

Preparation

Task Overview

Submissions

Evaluation Report

## EVALUATION REPORT – ATTEMPT 1 – REVISION NEEDED

### Overall Evaluator Comments

#### EVALUATOR COMMENTS

Your submission adequately provides a PowerShell script that updates a daily log file and displays the current CPU and memory usage. Please see the comments below for needed revisions.

### A. Script Creation

**Competent** The PowerShell script is created within the “Requirements1” folder, it is named correctly, and student name and ID are accurately included as a comment on the first line.

There are no comments for this aspect.

### B. Switch Statement

**Competent** Student uses switch statement and executes correctly.

There are no comments for this aspect.

### B1. Regular Expression

**Competent** The scripting solution includes an expression that only extracts .log files and redirects to a new file without overwriting existing data.

There are no comments for this aspect.

## B2. Files in Tabular Format

**Competent** The scripting solution lists the files in the “Requirements” folder in tabular format and in ascending alphabetical order and the output is directed into a new file.

There are no comments for this aspect.

## B3. Current CPU and Memory Usage

**Competent** The scripting solution lists both the current CPU and memory usage.

There are no comments for this aspect.

## B4. Running Processes

**Approaching Competence** The script logic is partially correct, but it does not list all of the running processes inside the system, or it lists all of the running processes as well as the stopped processes within the output file. Or the output is not sorted least to greatest by virtual size in grid format.

### EVALUATOR COMMENTS: ATTEMPT 1

The submission provides a PowerShell script that lists all running processes on the system. However, a VM size column that is sorted from least to greatest could not be found.

## B5. Exiting the Script Execution

**Competent** The script logic to exit the script execution is accurate.

There are no comments for this aspect.

## C. Scripting Standard

**Not Evident** The script does not apply *any* scripting standards.

EVALUATOR COMMENTS: ATTEMPT 1

This aspect cannot be evaluated until all other aspects are evaluated as passing.

## D. Exception Handling

**Competent** The script accurately applies exception handling using try-catch for System.OutOfMemoryException.

There are no comments for this aspect.

## E. Screenshots

**Not Evident** Screenshots are not included for the output of *any* prompts.

EVALUATOR COMMENTS: ATTEMPT 1

This aspect cannot be evaluated until aspect B4 is evaluated as passing.

## F. PowerShell File Hash

**Not Evident** A file hash that has been run with the hash value is provided.

EVALUATOR COMMENTS: ATTEMPT 1

This aspect cannot be evaluated until all other aspects are evaluated as passing.