\* Tick (✓) if completed, circle (O) if some completed, and cross out (X) if not attempted. You can leave comments in the field below (e.g. aspects you did not finish, etc.).

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| --- | --- | --- | --- | --- | --- |
| Task1 | Activity | | Points | Completed\* | Result |
|  | Reading local file / URL | | 5 | O |  |
| Self-assessment Comments: | I can read in a file, but if a url is provided as a command line argument then it doesn’t work. Wasn’t sure how to check if a command line argument is a url or not | | | |
| Lecturer Feedback: |  | | | |
| Input Validation | | 5 | ✓ |  |
| Self-assessment Comments: | Checks whenever the provided input is a file or directory whenever the script asks for input. When it asks for a valid csv file I could of coded something to check if the file provided is an actual .csv file, I think you can just chuck in any file to that input and it will work, but I don’t think it would be able to properly read the file. | | | |
| Lecturer Feedback: |  | | | |
| Script Interaction | | 3 | ✓ |  |
| Self-assessment Comments: | My scripts only ask for a file, url, directory path and confirmation. It interacts with the user whenever it needs to | | | |
| Lecturer Feedback: |  | | | |
| User Management | | 20 | ✓ |  |
| Self-assessment Comments: | Users are created correctly, if a user exists then it isn’t created, usernames are configured correctly | | | |
| Lecturer Feedback: |  | | | |
| Group Management | | 5 | O |  |
| Self-assessment Comments: | The script can only take in 1 secondary group per user, I couldn’t figure out how to retrieve more than 1 group specified per user, so it breaks if the csv file contains more than 1 group for a user | | | |
| Lecturer Feedback: |  | | | |
| Shared/Home Folder Configuration | | 15 | ✓ |  |
| Self-assessment Comments: | Shared folder works, users of the same group can access the folder, when I tested it I think the permissions were set up accordingly | | | |
| Lecturer Feedback: |  | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Task 2 | Activity | | Points | Completed\* | Result |
|  | Link Creation | | 3 | ✓ |  |
| Self-assessment Comments: | SL Link works, is created within the users home directory. | | | |
| Lecturer Feedback: |  | | | |
| Alias Management | | 5 | ✓ |  |
| Self-assessment Comments: | Only thing I struggled with was in the alias command I couldn’t use sudo as it appended the alias to a file called sudo instead of appending it to the users .bachrc file, so the script has to be run as sudo for it to work properly. | | | |
| Lecturer Feedback: |  | | | |
|  | Handling Script Input | | 5 | ✓ |  |
| Self-assessment Comments: | Whenever the script asks for input the input cannot be empty, whenever one argument is required and the user enters two an error is thrown, in some cases checks if the file or directory provided exists | | | |
| Lecturer Feedback: |  | | | |
| Create Compressed Archive | | 5 | ✓ |  |
| Self-assessment Comments: | Archive is created as intended | | | |
| Lecturer Feedback: |  | | | |
| SCP Transfer | | 5 | ✓ |  |
| Self-assessment Comments: | SCP works as intended but I have no idea if the error codes I used when error checking the SCP command are correct | | | |
| Lecturer Feedback: |  | | | |
| Script Output | | 4 | ✓ |  |
| Self-assessment Comments: | Felt as if I outputted lines to the command prompt slightly too much and maybe could of formatted some of the output to be more appealing to the eyes | | | |
| Lecturer Feedback: |  | | | |

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| --- | --- | --- | --- | --- | --- |
|  | Activity | | Points | Completed\* | Result |
| Formal Aspects | Documentation | | 8 | ✓ |  |
| Self-assessment Comments: | Completed documentation with instructions on how to use the scripts and best practices for setting them up. | | | |
| Lecturer Feedback: |  | | | |
| Code Modularity | | 5 | O |  |
| Self-assessment Comments: | I split my code up into functions but some parts seem abit messy to me, I should of probably used local variables and maybe held off on the elif statements a bit and should of spent time finding efficient ways to code things. | | | |
| Lecturer Feedback: |  | | | |
| Code Commenting | | 3 | ✓ |  |
| Self-assessment Comments: | Felt as it my comments are descriptive enough without being too verbose | | | |
| Lecturer Feedback: |  | | | |
| Git Usage | | 4 | O |  |
| Self-assessment Comments: | I didn’t really use git until the last week of the assignment, so my repo is definitely missing a fair bit of commits. | | | |
| Lecturer Feedback: |  | | | |