

**University of Vavuniya**  
**Faculty of Applied Science**  
**Department of Physical Science**

**IT2244(P) - Operating Systems(Practical)**  
**In course Assessment Examination - I**

Answer all questions

Duration : One hour

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Save all your commands for each question into batch files named **answer1.bat**, **answer2.bat**, **answer3.bat**

**Question 01**

Using Command Prompt on a Windows system, write the exact commands to complete the following tasks:

- Create New directories named **CSC2244** , **Marks** and **Exam** on your Desktop.
- Inside the **CSC2244** directory, create three subdirectories named **practical**, **theory**, and **exam** papers.
- Inside each subdirectories, create a text file, a Word document, and a PowerPoint document respectively:  
Eg:  
**Practical** → **Word document**, **PowerPoint document**, **text file**
- Create two new excel files in desktop named **Icae\_Marks** and **Final\_Exam\_Marks** and move that files into the directory **Marks**
- Copy the Directory **Marks** into the **Exam** directory and **hide** the **Exam** directory

Using bash shell Do the Question 02 and Question 03 Given Below

**Question 02**

Using the **data.csv** file in your shared drive Do the Questions Given Below.

1. Filter the rows where the **GPA greater than 3.5**
2. Calculate the **average** GPA of all Students.

**Question 03**

1. Read two Strings from user **String\_1** and **String\_2**
2. Count the characters of each String and print the lengthy String as shown in the Expected output

**Expected output :**

```
Enter String_1
Apple
Enter String_2
Banana
Banana is larger than Apple
```