**CyberGIS and Big Data (GEOG6282/8282; INES 8090)**

**Title: Lab 1**

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**Contents**

1. Shell script for creating 500 folders and a text file in each for printing directory

2. output of the shell script.

3. Creating slurm file for submitting the shell script.

4. output of the submitting file

5. some screenshots

**Question -1:**

**1.1 Shell script for creating 500 folders:**

Text

Description automatically generated

Figure 1. Shell script for creating 500 folders.

To create this script, firstly a shellscript.sh was created using vi command then it was executable using chmod +x shellscript.sh.

* 1. **Output of running this shell script:**

**Table

Description automatically generated with medium confidence**

Figure 2. 500 folders by the shell script code

Shape

Description automatically generated

Figure 3. text file in each of the 500 folders having their directory.

**Question 2:**

2.1 **Creating a shell script to submit the job of previous shell script:**

Shape, rectangle

Description automatically generated

Figure 4: shell script for submitting the file.

To create this submission script, firstly, submit.sh was created using vi command then it was executable using chmod +x submit.sh. then this slurm file was called for running the previous shell script.

2.2 **output of the submitting file:**

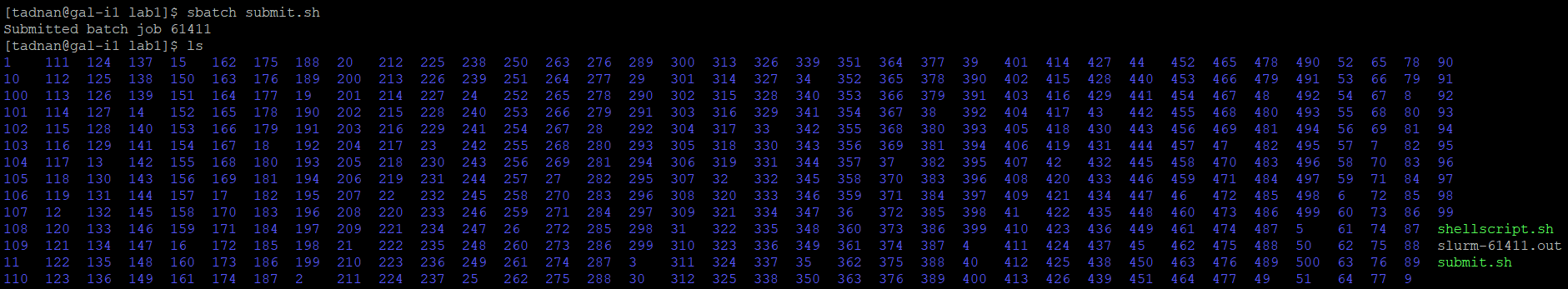


Figure 5. output of the submission file job

3. **Screenshots of working phases:**

Text

Description automatically generated

Figure 6. codes for the lab1 taken randomly.

**4. Screenshots from WinSCP:**

**Graphical user interface, application

Description automatically generated**

Figure 7. Screenshots from WinSCP

Graphical user interface, application, table

Description automatically generated

Figure 8. Screenshots from WinSCP