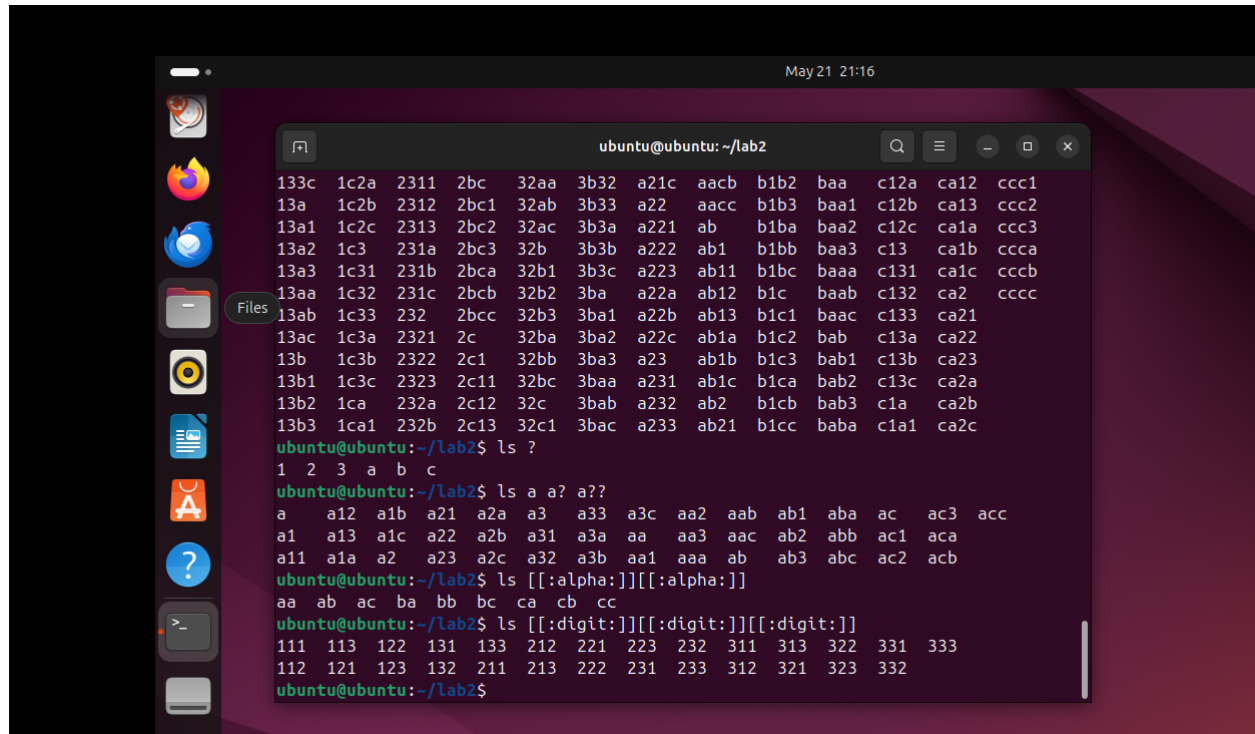**Assignment 2**

The command line interface

Linux System Administration

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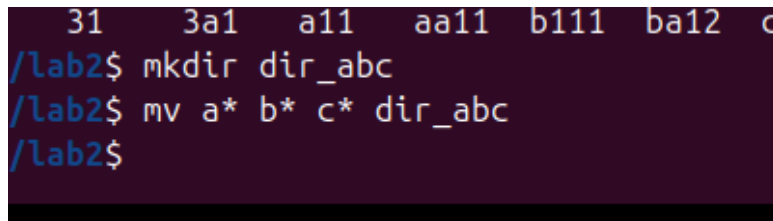**ScreenShot1**


```
133c  1c2a  2311  2bc   32aa  3b32  a21c  aacb  b1b2  baa   c12a  ca12  ccc1
13a   1c2b  2312  2bc1  32ab  3b33  a22   aacc  b1b3  baa1  c12b  ca13  ccc2
13a1  1c2c  2313  2bc2  32ac  3b3a  a221  ab    b1ba  baa2  c12c  ca1a  ccc3
13a2  1c3   231a  2bc3  32b   3b3b  a222  ab1   b1bb  baa3  c13   ca1b  ccca
13a3  1c31  231b  2bca  32b1  3b3c  a223  ab11  b1bc  baaa  c131  ca1c  cccb
13aa  1c32  231c  2bcb  32b2  3ba   a22a  ab12  b1c   baab  c132  ca2   cccc
13ab  1c33  232   2bcc  32b3  3ba1  a22b  ab13  b1c1  baac  c133  ca21
13ac  1c3a  2321  2c    32ba  3ba2  a22c  ab1a  b1c2  bab   c13a  ca22
13b   1c3b  2322  2c1   32bb  3ba3  a23   ab1b  b1c3  bab1  c13b  ca23
13b1  1c3c  2323  2c11  32bc  3baa  a231  ab1c  b1ca  bab2  c13c  ca2a
13b2  1ca   232a  2c12  32c   3bab  a232  ab2   b1cb  bab3  c1a   ca2b
13b3  1ca1  232b  2c13  32c1  3bac  a233  ab21  b1cc  baba  c1a1  ca2c
ubuntu@ubuntu:~/lab2$ ls ?
1  2  3  a  b  c
ubuntu@ubuntu:~/lab2$ ls a a? a??
a     a12  a1b  a21  a2a  a3   a33  a3c  aa2  aab  ab1  aba  ac   ac3  acc
a1    a13  a1c  a22  a2b  a31  a3a  aa   aa3  aac  ab2  abb  ac1  aca
a11   a1a  a2   a23  a2c  a32  a3b  aa1  aaa  ab   ab3  abc  ac2  acb
ubuntu@ubuntu:~/lab2$ ls [[:alpha:]][[:alpha:]]
aa  ab  ac  ba  bb  bc  ca  cb  cc
ubuntu@ubuntu:~/lab2$ ls [[:digit:]][[:digit:]][[:digit:]]
111  113  122  131  133  212  221  223  232  311  313  322  331  333
112  121  123  132  211  213  222  231  233  312  321  323  332
ubuntu@ubuntu:~/lab2$
```

Question 1: What is the command that accomplishes this?

- mv a* b* c* dir_abc


```
  31     3a1    a11    aa11  b111   ba12   c
/lab2$ mkdir dir_abc
/lab2$ mv a* b* c* dir_abc
/lab2$
```

Question 2: what is the command that accomplishes this?

- cp [0-9]* numbers/

Question 3: record the command that accomplishes this?

- rm 12*

Question 4: record the command that will remove the "numbers" directory and all its content

- rm -r numbers

```
13c2   1cc3   23c3   2cca   33ca   3ccb   a3cb   accc   b3cc   c
13c3   1cca   23ca   2ccb   33cb   3ccc   a3cc   b      ba     c1
13ca   1ccb   23cb   2ccc   33cc   a      aa     b1     ba1    c11
       1ccc   23cc   3      3a     a1     aa1    b11    ba11   c111
       2      2a     31     3a1    a11    aa11   b111   ba12   c112
ubuntu@ubuntu:~/lab2$ mkdir dir_abc
ubuntu@ubuntu:~/lab2$ mv a* b* c* dir_abc
ubuntu@ubuntu:~/lab2$ mkdir numbers
ubuntu@ubuntu:~/lab2$ cp [0-9] numbers/
ubuntu@ubuntu:~/lab2$ rm 12*
ubuntu@ubuntu:~/lab2$ rm -r numbers
ubuntu@ubuntu:~/lab2$
```

Screenshot 2

```
ubuntu@ubuntu:~/lab2$ cp [0-9] numbers/
ubuntu@ubuntu:~/lab2$ rm 12*
ubuntu@ubuntu:~/lab2$ rm -r numbers
ubuntu@ubuntu:~/lab2$ echo "\"Hi. How are You?\, he said."
"Hi. How are You?\, he said.
ubuntu@ubuntu:~/lab2$ echo "\"Hi. How are You?\", he said."
"Hi. How are You?", he said.
ubuntu@ubuntu:~/lab2$
```

Screenshot 3

```
ubuntu@ubuntu:~/lab2$ echo "\"Hi. How are You?\, he sa
"Hi. How are You?\, he said.
ubuntu@ubuntu:~/lab2$ echo "\"Hi. How are You?\", he s
ow are You?", he said.
ubuntu@ubuntu:~/lab2$ echo $HISTSIZE
1000
ubuntu@ubuntu:~/lab2$
```