**Linux Environment Variable Assignment**

1. Create a script named “myscript” in current directory to do the following.

a) create a dir named “subd1” in current directory

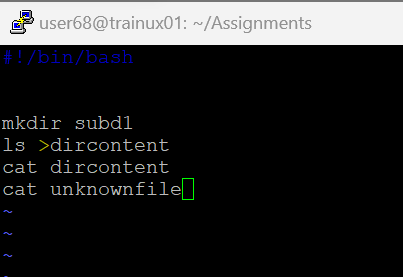
b) create a file named “dircontent” with contents of the current directory

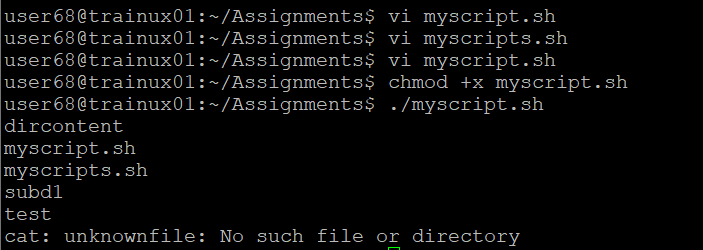
c) display the contents of the file “dircontent”

d) display the contents of a non existing file named “unknownfile”

**Ans:** vi myscript

1. mkdir subd1
2. ls > dircontent
3. cat dircontent
4. cat unknownfile





2. Run the script and validate the output in following cases

a) Redirect only the stdout to an o/p file named stdout.txt

b) Redirect only the stderr to an o/p file named stderr.txt

c) Redirect both stdout and stderr to an o/p file named stdall.txt

d) Display all o/p and error and also redirect both stdout and stderr to an o/p file named stdall.txt

Ans: The output cases are:

./myscript >stdout.txt

./myscript >stderr.txt

./myscripts > stdall.txt > stderr.txt >& stdout.txt

./myscripts > >(tee stdall.txt) > stdderr.txt>&stdout.txt

A screen shot of a computer program

Description automatically generated

3. Redirect the output of command below using pipe (|) to wc and get the output .

Ans: ls -l|wc

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