**Pipe and Redirection Operators**

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

To create a script named “myscript” in current directory use “vim” command.

1. create a dir named “subd1” in current directory.

To create a directory named as subd1in current directory, the command “mkdir subd1” is used.

1. Create a file named “dircontent” with contents of the current directory. To create a file named dircontent with contents of the current directory “ls > dircontent”.
2. To display the contents of the file dircontent,the command”cat dircontent”.
3. To display the contents of a non existing file named unknowfile, the command “cat unknownfile”.

A screenshot of a computer program

Description automatically generated

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

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

./scripts.sh > stdout.txt

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

./scripts.sh2 > stderr.txt

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

./scripts.sh > stdall.txt 2 > &1

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

./scripts.sh |& tee stdall.txt

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

To redirect the output of command to wc using a pipe (|), typically the syntax <command> |wc <option>

-l for number of lines

-w for number of words

-c for number of characters

A computer screen with white text

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