

Link to Repository: <https://github.com/AshwinK97/Operating-Systems/tree/master/Labs/Lab%202>

## Shell Utility

---

This repository contains files for the shell utility project for lab 2. The shell will allow users to perform basic directory operations such as changing and listing directories. You can also run shell commands from a batch file.

## Group members:

---

Jasindan Rasalingam: 100584423

Darron Singh: 100584624

Kaushal Patel: 100586212

Ashwin Kamalakannan: 100584423

## Shell Commands

---

`cd`

---

Allows user to change directory to specified path

**Does not support spaces in path names.**

`cd`

stays in the current working directory

`cd ..`

changes to the *parent* directory

`cd /`

changes to the *root* directory

## **cd Documents**

changes to the *documents* directory

## **dir or ls**

---

Displays all content in specified directory

**Does not support spaces in path names.**

### **dir**

displays contents of *root* directory

### **dir ..**

displays contents of *current* directory

### **dir /**

displays contents of *parent* directory

### **dir Music**

displays contents of *music* directory

## **environ or env**

---

Displays all environment variables (PWD, SHELL, etc.)

## **clr or clear**

---

Clears the screen by printing 100 blank lines to stdout

## **help**

---

Displays this help screen

## **pause**

---

Pauses the shell, waits for user to press **<enter>**

## **quit or exit**

---

Exits shell utility and will exit with status of last command