# Introduction to Linux

Using Windows Subsystem for Linux (WSL)

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### Starting Ubuntu Terminal



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## Getting around Linux system



#### pwd

- print working directory
- to know which directory you are in
- forward slash(/) denotes the base of Linux file system
- user directory is usually like "/home/username"

## Getting around Linux system



#### cd

X

- change directory

#### cd ..

- to move one level up to parent directory

#### cd <specific directory>

- For example:

change directory to C:\

### Getting around Linux system



### Creating a new folder



Ouser@W10P-B40Ofc2013: /mnt/c/Users/User/Documents

user@W10P-B400fc2013:/mnt/c\$ cd Users/User/Documents user@W10P-B400fc2013:/mnt/c/Users/User/Documents\$ ls ls: cannot read symbolic link 'My Music': Permission denied ls: cannot read symbolic link 'My Pictures': Permission denied ls: cannot read symbolic link 'My Videos': Permission denied ls: cannot read symbolic link 'My Videos': Permission denied ls: cannot read symbolic link 'My Videos': Permission denied ls: cannot read symbolic link 'My Videos': Permission denied user@W10P-B400fc2013:/mnt/c/Users/User/Documents\$ First go to "Documents" folder
- From current directory: /mnt/c
(the long way)
cd Users -> cd User -> cd Documents
(the short way)
cd Users/User/Documents

## Creating a new folder



#### mkdir

- make new directory
   mkdir <folder name>
- For example we want to make a new folder and we name it "newFolder" mkdir newFolder
- Opening a windows browser, you should see a newly created folder with the name "newFolder"

## Deleting a folder



#### rmdir

- Remove directory

#### rmdir <folder name>

- for example we want to remove the "newFolder" rmdir newFolder
- checking with windows browser, "newFolder" should now be removed

### Printing 'Hello World' – Starting nano

#### nano

 text editor for Linux System to create your first Perl script/code



nano <name of Perl script/code>.pl
- For example: nano myfirstprogramme.pl

### Printing 'Hello World' – Inside nano

() user@W10P-B40Ofc2013: /mnt/c/Users/User/Documents		- 🗆 ×
GNU nano 2.9.3	myfirstprogramme.pl	^
	You can see the name of your Perl script/code	
	[ New File ]	
AG Get Help AO Write Out	AW Where Is AK Cut Text AJ Justify AC Cur Pos M-U Undo	
rx Exit rR Read File	A Replace AU Uncut lext AI to Spell A Go to Line M-E Redo	

## Printing 'Hello World' – Inside nano



### Printing 'Hello World' – Back to Ubuntu

