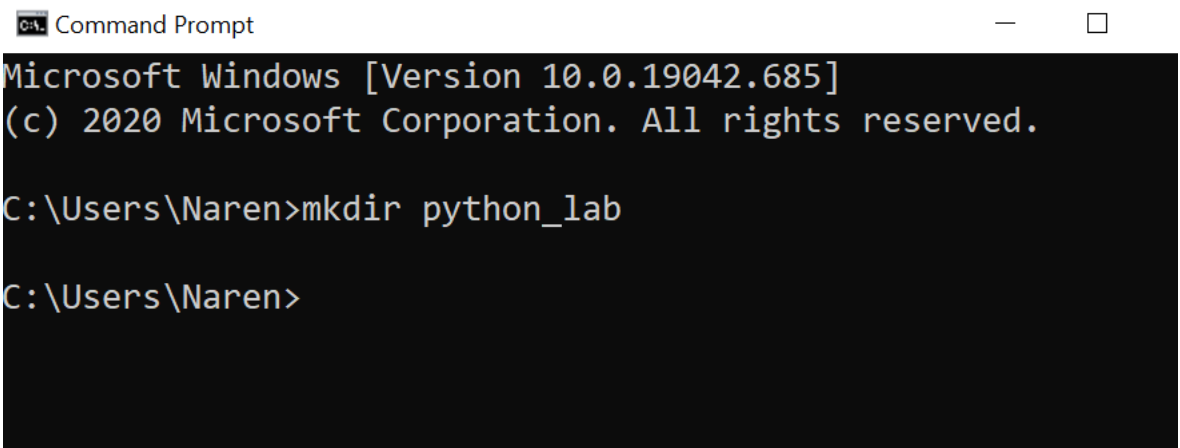
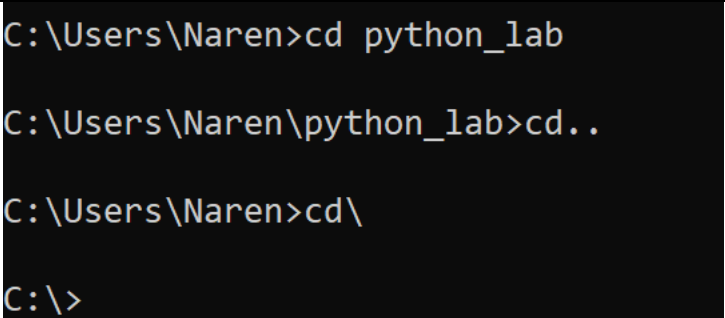


## Week 1: Getting Started With CMD In Windows OS

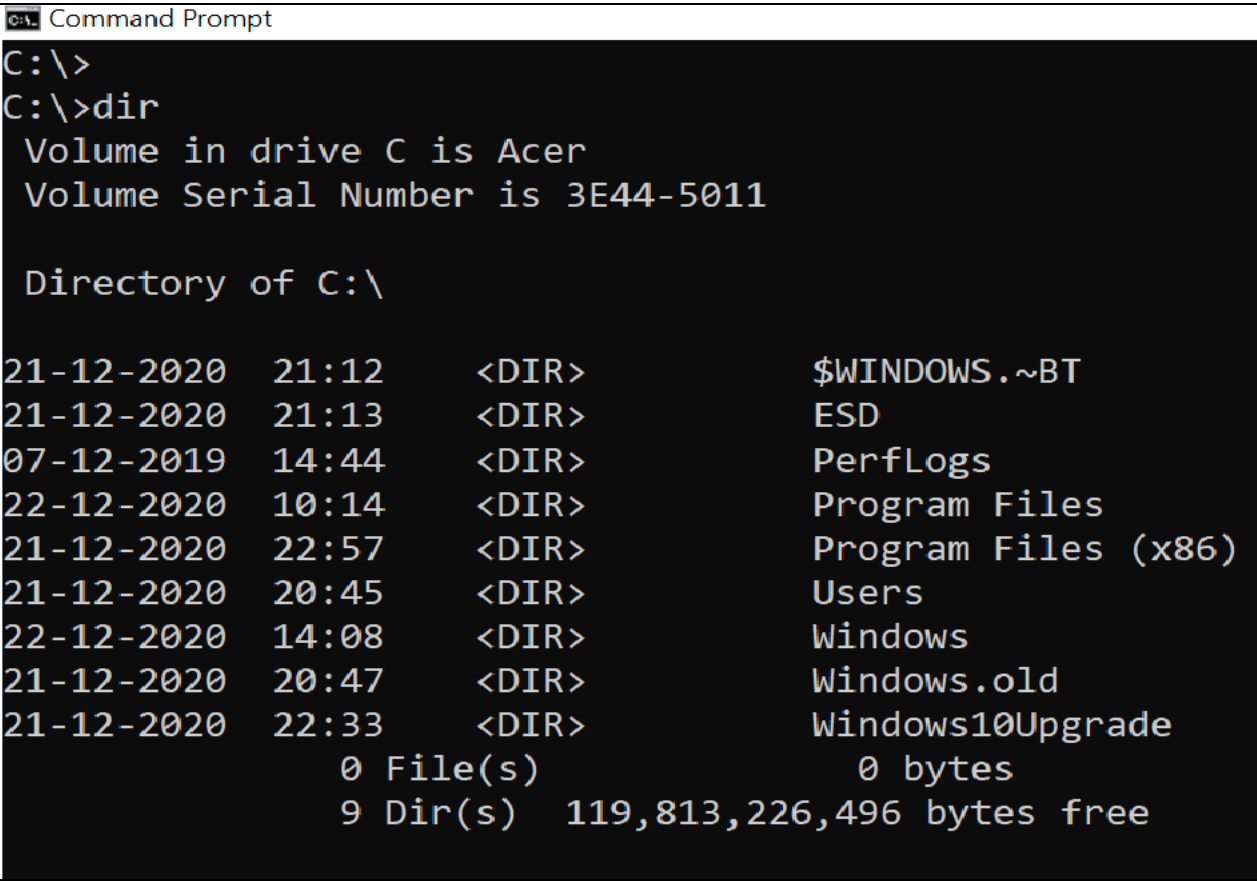
**Student Name: NAREN CHANDRASHEKHAR**

**SRN: PES2UG20CS216**

**SECTION: G**

	NAME AND FUNCTION OF THE COMMAND	
<b>1</b>	<b>mkdir – Command to make directory or folder in current location</b>	
<b>Snap Shot</b>	 <p>Command Prompt</p> <pre>Microsoft Windows [Version 10.0.19042.685] (c) 2020 Microsoft Corporation. All rights reserved.  C:\Users\Naren&gt;mkdir python_lab  C:\Users\Naren&gt;</pre>	
<b>2</b>	<b>cd – Command to change to a particular directory within the current location</b>	
<b>Snap Shot</b>	 <pre>C:\Users\Naren&gt;cd python_lab  C:\Users\Naren\python_lab&gt;cd..  C:\Users\Naren&gt;cd\  C:\&gt;</pre>	
<b>3</b>	<b>dir – Command used to view contents in directory and get an overview of its properties</b>	

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Snap Shot	 <pre> C:\&gt; C:\&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\  21-12-2020   21:12    &lt;DIR&gt;          \$WINDOWS.~BT 21-12-2020   21:13    &lt;DIR&gt;          ESD 07-12-2019   14:44    &lt;DIR&gt;          PerfLogs 22-12-2020   10:14    &lt;DIR&gt;          Program Files 21-12-2020   22:57    &lt;DIR&gt;          Program Files (x86) 21-12-2020   20:45    &lt;DIR&gt;          Users 22-12-2020   14:08    &lt;DIR&gt;          Windows 21-12-2020   20:47    &lt;DIR&gt;          Windows.old 21-12-2020   22:33    &lt;DIR&gt;          Windows10Upgrade                0 File(s)                0 bytes                9 Dir(s)  119,813,226,496 bytes free </pre>
4	ren – Command used to rename a file/folder within the working directory

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<b>Snap Shot</b>	<pre> C:\Users\Naren&gt;ren python_lab pythonlab  C:\Users\Naren&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\Users\Naren  25-12-2020  23:12    &lt;DIR&gt;          . 25-12-2020  23:12    &lt;DIR&gt;          .. 22-12-2020  14:09    &lt;DIR&gt;          .idlerc 21-12-2020  21:03    &lt;DIR&gt;          3D Objects 21-12-2020  21:03    &lt;DIR&gt;          Contacts 22-12-2020  22:20    &lt;DIR&gt;          Documents 25-12-2020  22:46    &lt;DIR&gt;          Downloads 17-12-2020  17:54    &lt;DIR&gt;          Dropbox 21-12-2020  21:03    &lt;DIR&gt;          Favorites 21-12-2020  21:03    &lt;DIR&gt;          Links 21-12-2020  22:38    &lt;DIR&gt;          Music 25-12-2020  22:12    &lt;DIR&gt;          OneDrive 25-12-2020  22:56    &lt;DIR&gt;          pythonlab 21-12-2020  21:03    &lt;DIR&gt;          Saved Games 21-12-2020  21:03    &lt;DIR&gt;          Searches 21-12-2020  21:05    &lt;DIR&gt;          Videos                0 File(s)              0 bytes               16 Dir(s) 119,812,878,336 bytes free </pre>	
5	<b>notepad &lt;file_name&gt;- Command to create a file in Working Directory in Windows CMD</b>	
<b>Snap Shot</b>	<pre> C:\Users\Naren&gt;cd pythonlab  C:\Users\Naren\pythonlab&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\Users\Naren\pythonlab  25-12-2020  22:56    &lt;DIR&gt;          . 25-12-2020  22:56    &lt;DIR&gt;          ..                0 File(s)              0 bytes                2 Dir(s) 119,804,690,432 bytes free  C:\Users\Naren\pythonlab&gt;notepad sample.txt </pre>	

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<b>6</b>	<b>copy – Command to copy the contents of a file onto another file</b>	
<b>Snap Shot</b>	<pre> C:\Users\Naren\pythonlab&gt;copy sample.txt newsample.txt 1 file(s) copied.  C:\Users\Naren\pythonlab&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\Users\Naren\pythonlab  25-12-2020  23:22    &lt;DIR&gt;          . 25-12-2020  23:22    &lt;DIR&gt;          .. 25-12-2020  23:22                11 newsample.txt 25-12-2020  23:22                11 sample.txt                 2 File(s)                22 bytes                 2 Dir(s)  119,798,878,208 bytes free </pre>	
<b>7</b>	<b>del – Command to delete a file with CMD</b>	
<b>Snap Shot</b>	<pre> C:\Users\Naren\pythonlab&gt;del newsample.txt  C:\Users\Naren\pythonlab&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\Users\Naren\pythonlab  25-12-2020  23:26    &lt;DIR&gt;          . 25-12-2020  23:26    &lt;DIR&gt;          .. 25-12-2020  23:22                11 sample.txt                 1 File(s)                11 bytes                 2 Dir(s)  119,794,352,128 bytes free </pre>	
<b>8</b>	<b>RD – Command to remove directory/folder from empty location (can only be applied to empty directories else it will generate an error)</b>	

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Snap Shot	<pre>C:\Users\Naren\pythonlab&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\Users\Naren\pythonlab  25-12-2020  23:31    &lt;DIR&gt;          . 25-12-2020  23:31    &lt;DIR&gt;          .. 25-12-2020  23:22                11 sample.txt 25-12-2020  23:31    &lt;DIR&gt;          temp                 1 File(s)                11 bytes                 3 Dir(s) 119,789,432,832 bytes free</pre> <pre>C:\Users\Naren\pythonlab&gt;rd temp</pre> <pre>C:\Users\Naren\pythonlab&gt;dir Volume in drive C is Acer Volume Serial Number is 3E44-5011  Directory of C:\Users\Naren\pythonlab  25-12-2020  23:32    &lt;DIR&gt;          . 25-12-2020  23:32    &lt;DIR&gt;          .. 25-12-2020  23:22                11 sample.txt                 1 File(s)                11 bytes                 2 Dir(s) 119,789,092,864 bytes free</pre>	
9	move – Command to move a particular file/s from one location to another location	

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### Snap Shot

```
C:\Users\Naren\pythonlab>dir
Volume in drive C is Acer
Volume Serial Number is 3E44-5011

Directory of C:\Users\Naren\pythonlab

25-12-2020  23:38    <DIR>          .
25-12-2020  23:38    <DIR>          ..
25-12-2020  23:22                11 sample.txt
25-12-2020  23:38    <DIR>          temp
               1 File(s)              11 bytes
               3 Dir(s)  119,782,043,648 bytes free
```

```
C:\Users\Naren\pythonlab>move sample.txt temp
1 file(s) moved.
```

```
C:\Users\Naren\pythonlab>dir
Volume in drive C is Acer
Volume Serial Number is 3E44-5011

Directory of C:\Users\Naren\pythonlab

25-12-2020  23:40    <DIR>          .
25-12-2020  23:40    <DIR>          ..
25-12-2020  23:40    <DIR>          temp
               0 File(s)               0 bytes
               3 Dir(s)  119,781,687,296 bytes free
```

```
C:\Users\Naren\pythonlab>cd temp
```

```
C:\Users\Naren\pythonlab\temp>dir
Volume in drive C is Acer
Volume Serial Number is 3E44-5011

Directory of C:\Users\Naren\pythonlab\temp

25-12-2020  23:40    <DIR>          .
25-12-2020  23:40    <DIR>          ..
25-12-2020  23:22                11 sample.txt
               1 File(s)              11 bytes
               2 Dir(s)  119,781,240,832 bytes free
```

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