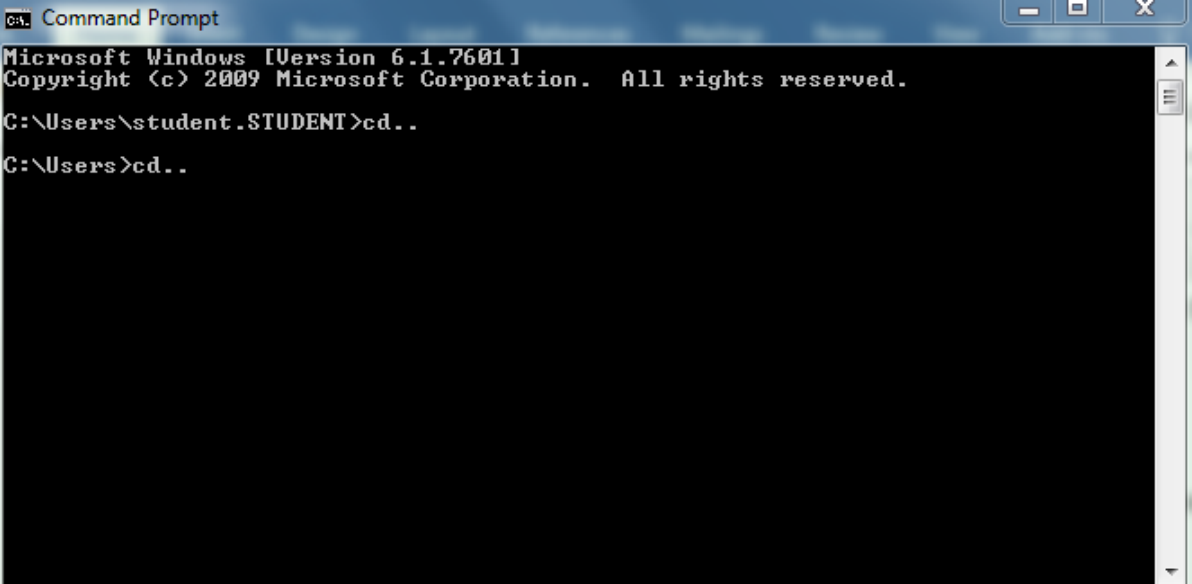


Installation Guide for IKR Records

- Download the Python code file.
- Open Command Prompt
- Use the command “cd..” to go back from any folders to the drive

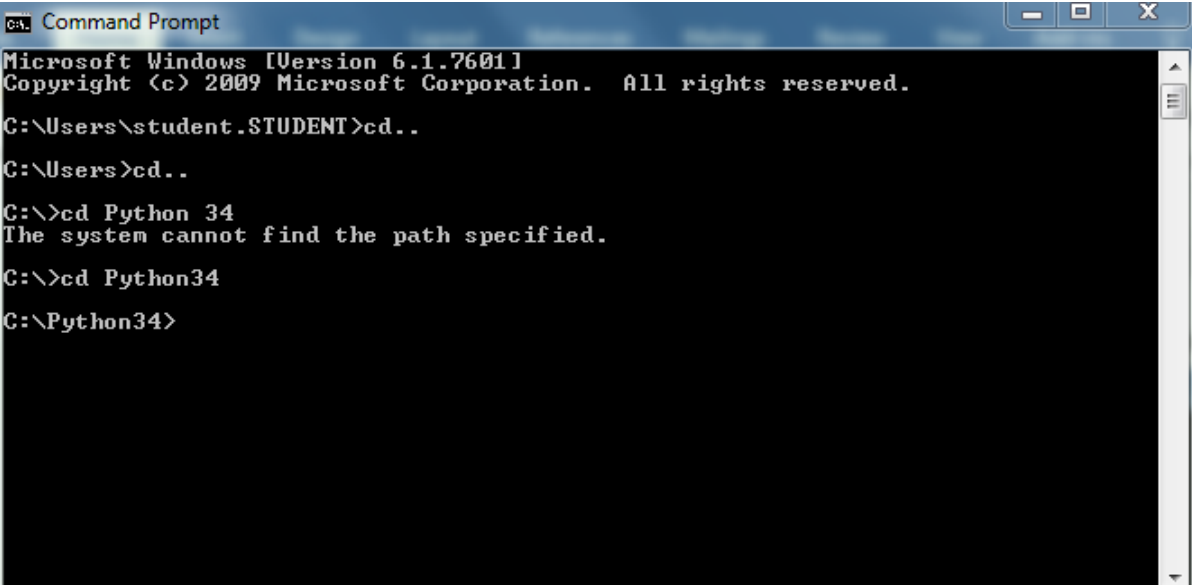


A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The text inside shows the following commands and their outputs:

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\student.STUDENT>cd..
C:\Users>cd..
```

- Use the command “cd <Folder Name>”, for example “cd Python34” to go to the directory where the file is saved.

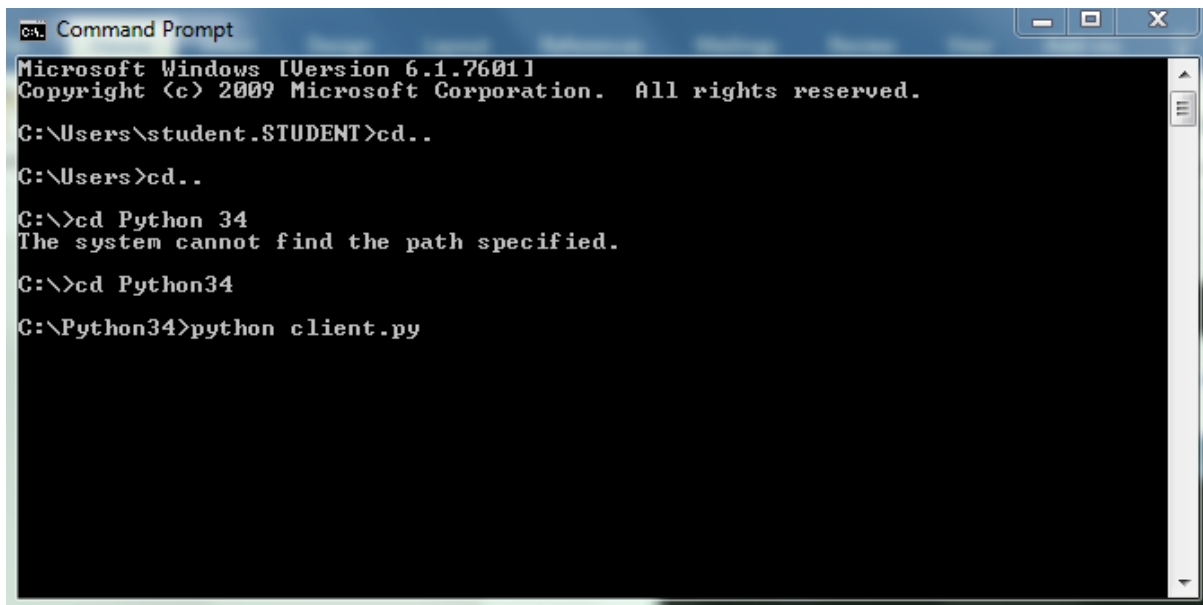


A screenshot of a Windows Command Prompt window. The title bar reads "Command Prompt". The text inside shows the following commands and their outputs:

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\student.STUDENT>cd..
C:\Users>cd..
C:\>cd Python 34
The system cannot find the path specified.
C:\>cd Python34
C:\Python34>
```

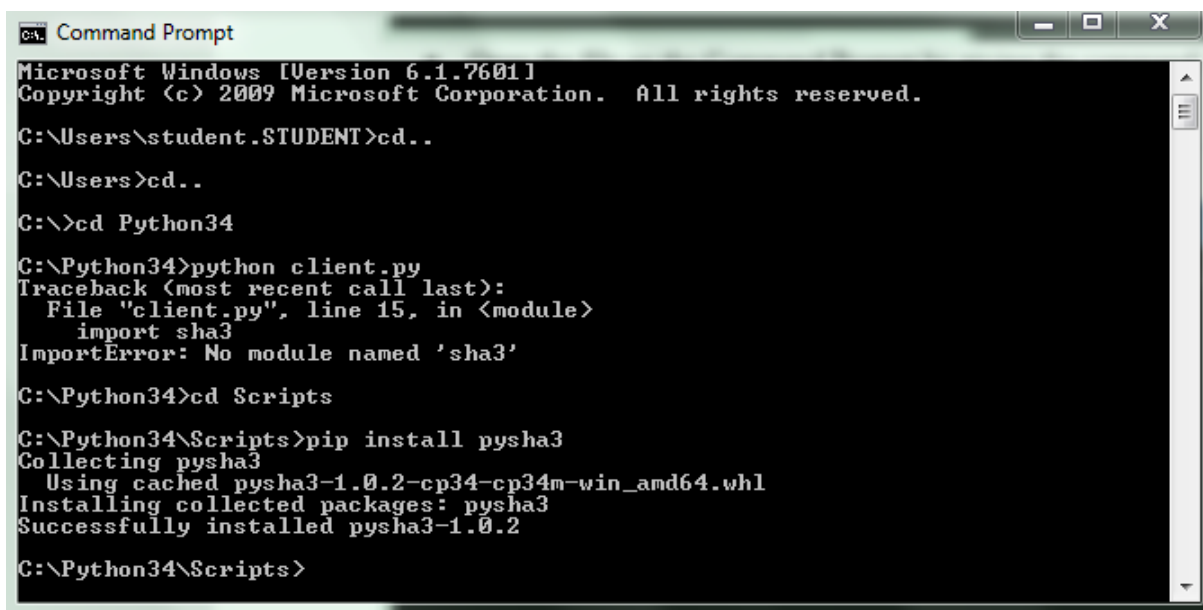
- Open the file on the Command Prompt by giving the command “python client.py”



```
Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\student.STUDENT>cd..
C:\Users>cd..
C:\>cd Python 34
The system cannot find the path specified.
C:\>cd Python34
C:\Python34>python client.py
```

- If faced with the error “no module named sha3”, give the command “pip install pysha3”.



```
Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\student.STUDENT>cd..
C:\Users>cd..
C:\>cd Python34
C:\Python34>python client.py
Traceback (most recent call last):
  File "client.py", line 15, in <module>
    import sha3
ImportError: No module named 'sha3'

C:\Python34>cd Scripts
C:\Python34\Scripts>pip install pysha3
Collecting pysha3
  Using cached pysha3-1.0.2-cp34-cp34m-win_and64.whl
Installing collected packages: pysha3
Successfully installed pysha3-1.0.2

C:\Python34\Scripts>
```

- Now, try opening the file again, with the previous command.
- If faced with the error “No module named requests”, give the command “pip install requests” *Note: To install these two, find where the pip code is stored, go to the folder and install and then go back to the folder where the desired file is stored.*

```
Command Prompt
C:\Python34>python client.py
3.4.2 (v3.4.2:ab2c023a9432, Oct 6 2014, 22:16:31) [MSC v.1600 64 bit (AMD64)]
Traceback (most recent call last):
  File "client.py", line 21, in <module>
    import requests
ImportError: No module named 'requests'

C:\Python34>cd Scripts

C:\Python34\Scripts>pip install requests
Collecting requests
  Downloading requests-2.17.3-py2.py3-none-any.whl (87kB)
    100% |#####| 92kB 2.6MB/s
Collecting chardet<3.1.0,>=3.0.2 (from requests)
  Downloading chardet-3.0.3-py2.py3-none-any.whl (133kB)
    100% |#####| 143kB 1.4MB/s
Collecting idna<2.6,>=2.5 (from requests)
  Downloading idna-2.5-py2.py3-none-any.whl (55kB)
    100% |#####| 61kB 3.4MB/s
Collecting certifi>=2017.4.17 (from requests)
  Downloading certifi-2017.4.17-py2.py3-none-any.whl (375kB)
    100% |#####| 378kB 939kB/s
Collecting urllib3<1.22,>=1.21.1 (from requests)
  Downloading urllib3-1.21.1-py2.py3-none-any.whl (131kB)
    100% |#####| 133kB 2.8MB/s
```

```
Command Prompt
ImportError: No module named 'requests'

C:\Python34>cd Scripts

C:\Python34\Scripts>pip install requests
Collecting requests
  Downloading requests-2.17.3-py2.py3-none-any.whl (87kB)
    100% |#####| 92kB 2.6MB/s
Collecting chardet<3.1.0,>=3.0.2 (from requests)
  Downloading chardet-3.0.3-py2.py3-none-any.whl (133kB)
    100% |#####| 143kB 1.4MB/s
Collecting idna<2.6,>=2.5 (from requests)
  Downloading idna-2.5-py2.py3-none-any.whl (55kB)
    100% |#####| 61kB 3.4MB/s
Collecting certifi>=2017.4.17 (from requests)
  Downloading certifi-2017.4.17-py2.py3-none-any.whl (375kB)
    100% |#####| 378kB 939kB/s
Collecting urllib3<1.22,>=1.21.1 (from requests)
  Downloading urllib3-1.21.1-py2.py3-none-any.whl (131kB)
    100% |#####| 133kB 2.8MB/s
Installing collected packages: chardet, idna, certifi, urllib3, requests
Successfully installed certifi-2017.4.17 chardet-3.0.3 idna-2.5 requests-2.17.3
urllib3-1.21.1

C:\Python34\Scripts>
```

- To configure the code to a folder/file on your laptop, open the configuration file using notepad, notepad +, or atom. This installation guide uses notepad.



```
{
  "server_url": "https://ikr-iipcc.appspot.com",
  "userid": "",
  "password": "",
  "sqlitepath": "state2.db",
  "logpath": "client.log",
  "directories": [
    {
      "type": "R",
      "dirpath": "C:\\\\"
    },
    {
      "type": "O",
      "dirpath": "C:\\\\"
    }
  ]
}
```

- To configure, first make an account on the website given in the configuration file.

Register

You need to register first before using IKR service

Email Address:	username@gmail.com
First Name:	User
Last Name:	Name
Organization:	IIPCC
Phone:	12345678
New Password:
Repeat Password:

☒ Must check this box to agree with the Terms and Privacy Policy.

☐ Check this box if you want to join your local IIPCC chapter.

☐ Check this box if you want to receive marketing materials from IIPCC and its partners.

Register

- Type in userid and password in the configuration file.



```
{
  "server_url": "https://ikr-iipcc.appspot.com",
  "userid": "guptaridhee",
  "password": "1999ridhee",
  "sqlitepath": "state2.db",
  "logpath": "client.log",
  "directories": [
    {
      "type": "R",
      "dirpath": "c:\\\\"
    },
    {
      "type": "O",
      "dirpath": "c:\\\\"
    }
  ]
}
```

- Type in the name of the file/folder that you want the code to create hash for.



```
{
  "server_url": "https://ikr-iipcc.appspot.com",
  "userid": "guptaridhee",
  "password": "1999ridhee",
  "sqlfilepath": "state2.db",
  "logpath": "client.log",
  "directories": [
    {
      "type": "R",
      "dirpath": "C:\\\\Ridhee IB"
    },
    {
      "type": "O",
      "dirpath": "C:\\\\Ridhee IB"
    }
  ]
}
```