

Run python program on the winpython

1. Run the WinPython Command Prompt.exe

This PC > DATA (E:) > winpython38

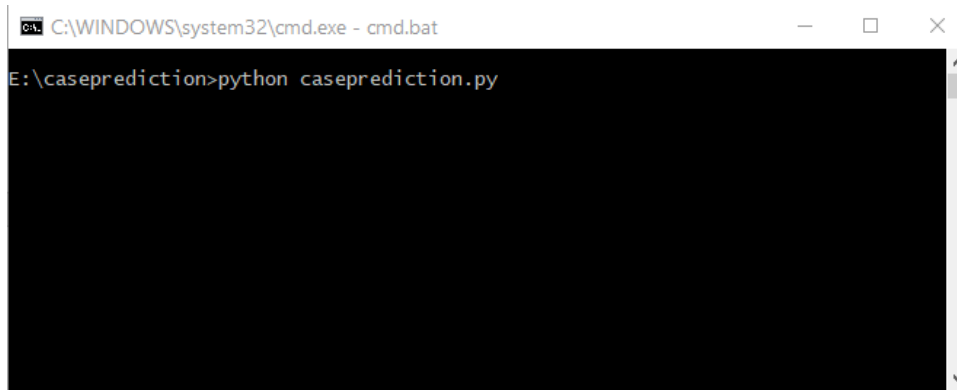
<input type="checkbox"/>	Name	Date modified	Type	Size
	n	4/10/2021 6:45 PM	File folder	
	notebooks	4/18/2021 2:47 AM	File folder	
	python-3.8.9.amd64	4/18/2021 3:04 AM	File folder	
	scripts	4/18/2021 2:45 AM	File folder	
	settings	5/22/2021 12:55 PM	File folder	
	t	4/18/2021 2:47 AM	File folder	
	IDL (Python GUI).exe	4/18/2021 2:45 AM	Application	60 KB
	IDLEX.exe	4/18/2021 2:45 AM	Application	60 KB
<input type="checkbox"/>	IPython Qt Console.exe	4/18/2021 2:45 AM	Application	140 KB
	Jupyter Lab.exe	4/18/2021 2:45 AM	Application	74 KB
	Jupyter Notebook.exe	4/18/2021 2:45 AM	Application	74 KB
	license.txt	3/17/2019 2:55 AM	Text Document	2 KB
	Pyzo.exe	4/18/2021 2:45 AM	Application	143 KB
	Qt Assistant.exe	4/18/2021 2:45 AM	Application	149 KB
	Qt Designer.exe	4/18/2021 2:45 AM	Application	142 KB
	Qt Linguist.exe	4/18/2021 2:45 AM	Application	147 KB
	Spyder reset.exe	4/18/2021 2:45 AM	Application	138 KB
	Spyder.exe	4/18/2021 2:45 AM	Application	139 KB
	VS Code.exe	4/18/2021 2:45 AM	Application	129 KB
<input checked="" type="checkbox"/>	WinPython Command Prompt.exe	4/18/2021 2:45 AM	Application	72 KB
	WinPython Control Panel.exe	4/18/2021 2:45 AM	Application	127 KB
	WinPython Interpreter.exe	4/18/2021 2:45 AM	Application	60 KB
	WinPython Powershell Prompt.exe	4/18/2021 2:45 AM	Application	120 KB

2. At the winpython command prompt. Change directory to the caseprediction

```
C:\WINDOWS\system32\cmd.exe - cmd.bat
E:\winpython38\scripts>cd E:\caseprediction
```

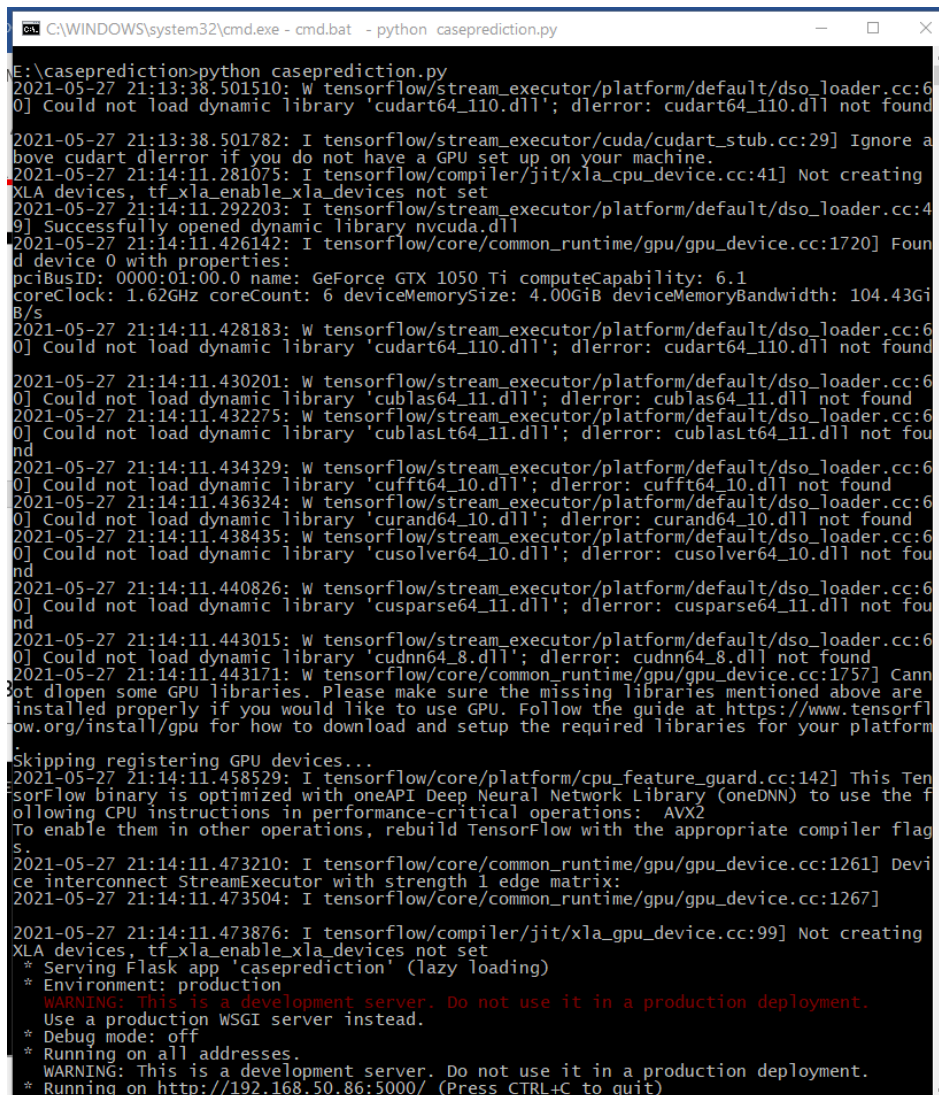
```
C:\WINDOWS\system32\cmd.exe - cmd.bat
E:\winpython38\scripts>cd E:\caseprediction
E:\caseprediction>
```

3. use python to run the caseprediction.py



```
C:\WINDOWS\system32\cmd.exe - cmd.bat

E:\caseprediction>python caseprediction.py
```



```
C:\WINDOWS\system32\cmd.exe - cmd.bat - python caseprediction.py

E:\caseprediction>python caseprediction.py
2021-05-27 21:13:38.501510: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cudart64_110.dll'; dLError: cudart64_110.dll not found
2021-05-27 21:13:38.501782: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dLError if you do not have a GPU set up on your machine.
2021-05-27 21:14:11.281075: I tensorflow/compiler/jit/xla_cpu_device.cc:41] Not creating XLA devices, tf_xla_enable_xla_devices not set
2021-05-27 21:14:11.292203: I tensorflow/stream_executor/platform/default/dso_loader.cc:49] Successfully opened dynamic library nvcuda.dll
2021-05-27 21:14:11.426142: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1720] Found device 0 with properties:
pciBusID: 0000:01:00.0 name: GeForce GTX 1050 Ti computeCapability: 6.1
coreClock: 1.62GHz coreCount: 6 deviceMemorySize: 4.00GiB deviceMemoryBandwidth: 104.43GiB/s
2021-05-27 21:14:11.428183: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cudart64_110.dll'; dLError: cudart64_110.dll not found
2021-05-27 21:14:11.430201: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cublas64_11.dll'; dLError: cublas64_11.dll not found
2021-05-27 21:14:11.432275: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cublasLt64_11.dll'; dLError: cublasLt64_11.dll not found
2021-05-27 21:14:11.434329: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cufft64_10.dll'; dLError: cufft64_10.dll not found
2021-05-27 21:14:11.436324: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'curand64_10.dll'; dLError: curand64_10.dll not found
2021-05-27 21:14:11.438435: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cusolver64_10.dll'; dLError: cusolver64_10.dll not found
2021-05-27 21:14:11.440826: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cusparse64_11.dll'; dLError: cusparse64_11.dll not found
2021-05-27 21:14:11.443015: W tensorflow/stream_executor/platform/default/dso_loader.cc:60] Could not load dynamic library 'cudnn64_8.dll'; dLError: cudnn64_8.dll not found
2021-05-27 21:14:11.443171: W tensorflow/core/common_runtime/gpu/gpu_device.cc:1757] Cannot dlopen some GPU libraries. Please make sure the missing libraries mentioned above are installed properly if you would like to use GPU. Follow the guide at https://www.tensorflow.org/install/gpu for how to download and setup the required libraries for your platform.
Skipping registering GPU devices...
2021-05-27 21:14:11.458529: I tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
2021-05-27 21:14:11.473210: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1261] Device interconnect StreamExecutor with strength 1 edge matrix:
2021-05-27 21:14:11.473504: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1267]
2021-05-27 21:14:11.473876: I tensorflow/compiler/jit/xla_gpu_device.cc:99] Not creating XLA devices, tf_xla_enable_xla_devices not set
* Serving Flask app 'caseprediction' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
* Running on http://192.168.50.86:5000/ (Press CTRL+C to quit)
```

You can use the client to test it. Example Postman application or the python client or C# client.