

Develop a Python Script

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|---------------------|---|
| Team ID | PNT2022TMID44448 |
| Project Name | Project - Signs with Smart Connectivity for better Road Safety. |
| Mentor | D.Nivethini |

Developing Code :

```
import time
```

```
import sys
```

```
import ibmiotf.application
```

```
import ibmiotf.device
```

```
import random
```

```
#Provide your IBM Watson Device Credentials
```

```
organization = "bxobbs"
```

```
deviceType = "b5ibm"
```

```
deviceId = "b5device"
```

```
authMethod = "token"
```

```
authToken = "b55m1eibm"
```

```
# Initialize GPIO
```

```
def myCommandCallback(cmd):
```

```

    print("Command received: %s" % cmd.data['command'])

    status=cmd.data['command']

    if status=="lighton":

        print ("led is on")

    else :

        print ("led is off")


    #print(cmd)

try:

    deviceOptions = {"org": organization, "type": deviceType, "id":
deviceId, "auth-method": authMethod, "auth-token": authToken}

    deviceCli = ibmiotf.device.Client(deviceOptions)

    #.....

except Exception as e:

    print("Caught exception connecting device: %s" % str(e))

    sys.exit()

```