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## Receive SMS in Python

```
1 import requests
2 import ssl
3 import xml.etree.ElementTree as ET
4
5 def main():
6     username = "john"
7     password = "Xc3ffs"
8     httpUrl = "https://127.0.0.1:9508/"
9     folder = "inbox";
10    limit = "3";
11
12    sendString = (httpUrl + "api?action=receiveMessage&username="
13                  + username + "&password="
14                  + password + "&folder=" + folder + "&limit="
15                  + limit + "&afterdownload=delete")
16
17    print("Sending http request: " + sendString + "\n")
18
19    response = requests.get(sendString, verify=False)
20    print("Http response received: ")
21    DisplayMessages(response.text)
22
23 def DisplayMessages(response):
24     root = ET.fromstring(response)
25     if root.findall('data/message/*') == []:
26         print('The inbox is empty')
27         return
28
29     for child in root.findall('data/message'):
30         sender = child.find('originator').text
31         text = child.find('messagedata').text
32         DisplayMessage(sender, text)
33
34 def DisplayMessage(sender, text):
35     print(sender + ": " + text)
36
37 if __name__ == "__main__":
38     main()
```



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