

Algorithm for file updates in Python

Project description

Create a python algorithm to check whether the allow list contains any IP addresses identified on the remove list. If so, you should remove those IP addresses from the file containing the allow list.

Open the file that contains the allow list

```
import_file = "allow_list.txt"  
with open(import_file, "r") as file:
```

Read the file contents

```
ip_addresses = file.read()
```

Convert the string into a list

```
ip_addresses = ip_addresses.split()
```

Iterate through the remove list

```
for element in remove_list:
```

Remove IP addresses that are on the remove list

```
if element in ip_addresses:  
    ip_addresses.remove(element)
```

Update the file with the revised list of IP addresses

```
ip_addresses = "\n".join(ip_addresses)  
with open(import_file, "w") as file:  
    file.write(ip_addresses)
```

Summary

This code reads in the file containing ip addresses and remove addresses based on a secondary list