# Algorithm for file updates in Python

## Project description

A function algorithm that removes all IPs in a remove list from the “allow\_list.txt” using Python’s file parsing modules.

## 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.split()

## Iterate through the remove list

for element in ip\_addresses:

## Remove IP addresses that are on the remove list

if element in remove\_list:

ip\_addresses.remove(element)

## Update the file with the revised list of IP addresses

“\n“.join(ip\_addresses)

with open(import\_file, “w”) as file:

file.write(ip\_addresses)

## Summary

Here was a list of all the components to create a file parser and updater in Python.