

## IP Address

### Description:

Given a copy of log file from a web server. Write a lex program to find out all the IP address inside and print them in order. See “sample input” for the specific format of the log file.

### IP address

A valid IP address is composed of 4 integer ranged from 0-255. The integers are separate by character ‘.’ (ASCII code 46).

### Sample input:

```
189.254.227.35 - - [09/Mar/2014:09:17:34 +0800] "GET
/phpmyadmin/scripts/setup.php HTTP/1.1" 404 478 "-" "ZmEu"
189.254.227.35 - - [09/Mar/2014:09:17:34 +0800] "GET
/pma/scripts/setup.php HTTP/1.1" 404 473 "-" "ZmEu"
189.254.227.35 - - [09/Mar/2014:09:17:35 +0800] "GET
/myadmin/scripts/setup.php HTTP/1.1" 404 477 "-" "ZmEu"
189.254.227.35 - - [09/Mar/2014:09:17:35 +0800] "GET
/MyAdmin/scripts/setup.php HTTP/1.1" 404 477 "-" "ZmEu"
200.130.18.241 - - [09/Mar/2014:09:24:03 +0800] "HEAD / HTTP/1.0" 200
278 "-" "-"
218.249.78.2 - - [09/Mar/2014:09:45:36 +0800] "GET /manager/html
HTTP/1.1" 404 473 "-" "Mozilla/3.0 (compatible ; Indy Library)"
95.167.110.237 - - [09/Mar/2014:09:57:22 +0800] "HEAD / HTTP/1.0" 200
278 "-" "-"
131.130.109.74 - - [09/Mar/2014:09:57:34 +0800] "GET
http://www.google.com/ HTTP/1.0" 200 455 "-" "Mozilla/4.0 (compatible;
MSIE 6.0; Windows NT 5.1)"
```

### Sample output

```
189.254.227.35
189.254.227.35
189.254.227.35
189.254.227.35
200.130.18.241
218.249.78.2
```

95.167.110.237

131.130.109.74