```
Last login: Sun Apr 28 19:37:00 on ttys000
Remosy1:~ remosy$ cd /Users/remosy/Desktop/COMP3310RR/Assignment2/src
Remosy1:src remosy$ make run
javac Assign2.java
java Assign2
[URL]1 /
client: created socket connected to local port 64638 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 200 OK
Date: Sun, 28 Apr 2019 09:43:35 GMT
Server: Apache/2.4.29 (Ubuntu)
Last-Modified: Thu, 11 Apr 2019 11:48:25 GMT
ETag: "e9-5863fc3923a9a"
Accept-Ranges: bytes
Content-Length: 233
Vary: Accept-Encoding
Connection: close
Content-Type: text/html

<html>

        <body>
                <b> Hello COMP3310/6331 World! </b>
                <p>
                <ul>
                <li> <a href="k/200.html">Here's a page</a>
                <li> <a href="pr.html">and here's a page</a>
                <li> <a href="tr.html">and here's a page</a>
                </ul>
        </body>
</html>

Find Links: /k/200.html
Find Links: /pr.html
Find Links: /tr.html
 -------------------------------

[URL]3 /k/200.html
client: created socket connected to local port 64639 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 404 Not Found
Date: Sun, 28 Apr 2019 09:43:36 GMT
Server: Apache/2.4.29 (Ubuntu)
Content-Length: 293
Connection: close
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>404 Not Found</title>
</head><body>
```

```
<h1>Not Found</h1>
<p>The requested URL /k/200.html was not found on this server.</p>
<hr>
<address>Apache/2.4.29 (Ubuntu) Server at comp3310.ddns.net Port 7880</address>
</body></html>
```

```
[URL]2 /pr.html
client: created socket connected to local port 64640 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 301 Moved Permanently
Date: Sun, 28 Apr 2019 09:43:36 GMT
Server: Apache/2.4.29 (Ubuntu)
Location: http://comp3310.ddns.net:7880/301.html
Content-Length: 331
Connection: close
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>301 Moved Permanently</title>
</head><body>
<h1>Moved Permanently</h1>
<p>The document has moved <a href="http://comp3310.ddns.net:7880/301.html">here<
/a>.</p>
<hr>
<address>Apache/2.4.29 (Ubuntu) Server at comp3310.ddns.net Port 7880</address>
</body></html>
```

```
[URL]2 /tr.html
client: created socket connected to local port 64641 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 302 Found
Date: Sun, 28 Apr 2019 09:43:37 GMT
Server: Apache/2.4.29 (Ubuntu)
Location: http://comp3310.ddns.net:7880/k/302.html
Content-Length: 309
Connection: close
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="http://comp3310.ddns.net:7880/k/302.html">her
e</a>.</p>
<hr>
<address>Apache/2.4.29 (Ubuntu) Server at comp3310.ddns.net Port 7880</address>
</body></html>
```

[URL]2 /301.html
client: created socket connected to local port 64642 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 200 OK
Date: Sun, 28 Apr 2019 09:43:37 GMT
Server: Apache/2.4.29 (Ubuntu)
Last-Modified: Thu, 11 Apr 2019 11:23:13 GMT
ETag: "0-5863f696808eb"
Accept-Ranges: bytes
Content-Length: 0
Connection: close
Content-Type: text/html

[URL]1 /k/302.html
client: created socket connected to local port 64643 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 200 OK
Date: Sun, 28 Apr 2019 09:43:38 GMT
Server: Apache/2.4.29 (Ubuntu)
Last-Modified: Thu, 11 Apr 2019 11:44:58 GMT
ETag: "59-5863fb73cdcbb"
Accept-Ranges: bytes
Content-Length: 89
Vary: Accept-Encoding
Connection: close
Content-Type: text/html

```html
<html>
        <body>
                <a href="/"> More pages </a>
                <img src="redback.jpg">
        </body>
</html>
```

[URL]1 /k/redback.jpg
client: created socket connected to local port 64644 and to remote address comp3
310.ddns.net/52.15.211.32 and port 7880
HTTP/1.1 200 OK
Date: Sun, 28 Apr 2019 09:43:38 GMT
Server: Apache/2.4.29 (Ubuntu)
Last-Modified: Thu, 11 Apr 2019 11:38:25 GMT
ETag: "6d86-5863f9fc58d5a"
Accept-Ranges: bytes
Content-Length: 28038
Connection: close
Content-Type: image/jpeg

Assignment 2 Report

Item1: 7

Item2:
    [html pages]:3
    [non-html object]:1

Item3:
    Smallest:[/301.html]:0
    Largest:[/]:233

Item4:
    Oldest:[/301.html]:Thu Apr 11 21:23:13 AEST 2019
    Most-recent:[/]:Thu Apr 11 21:48:25 AEST 2019

Item5:
[1] /k/200.html

Item6:
+---+
|1|/tr.html ===> http://comp3310.ddns.net:7880/k/302.html
+---+
|2|/pr.html ===> http://comp3310.ddns.net:7880/301.html
+---+
Remosy1:src remosy$