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Do this instead of the commands in the prelude:

       sudo yum install nginx html2text -y

       sudo nano /etc/nginx/nginx.conf

This will install the prerequisite programs and open the nginx configuration file in nano text editor. Inside you should:
1. Find the 2 lines starting with listen
2. Change the port number from 80 to 81.
3. Ctrl-X and follow prompts to save changes to the file.

Then run the following to restart the nginx service:

       sudo systemctl restart nginx

The address of the webpage you will access throughout the lab will be changed to:

http://localhost:81/index.html

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This will result in slightly different outputs for your code when run:

Part 2:

./wgethtml http://localhost:81/index.html

Should output:

```
[localhost] [81] [/index.html]

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">


<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en">

    <head>

        <title>Test Page for the Nginx HTTP Server on Red Hat Enterprise
Linux</title>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />

        <style type="text/css">

            /*<![CDATA[*/

            body {

                background-color: #fff;

                color: #000;

                font-size: 0.9em;

                font-family: sans-serif,helvetica;

                margin: 0;

                padding: 0;

            }

            :link {

                color: #c00;

            }
```

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```css
:visited {

    color: #c00;

}

a:hover {

    color: #f50;

}

h1 {

    text-align: center;

    margin: 0;

    padding: 0.6em 2em 0.4em;

    background-color: #900;

    color: #fff;

    font-weight: normal;

    font-size: 1.75em;

    border-bottom: 2px solid #000;

}

h1 strong {

    font-weight: bold;

    font-size: 1.5em;

}

h2 {

    text-align: center;

    background-color: #900;

    font-size: 1.1em;

    font-weight: bold;

    color: #fff;

    margin: 0;

    padding: 0.5em;

    border-bottom: 2px solid #000;

}

hr {
```

```
            display: none;

        }

        .content {

            padding: 1em 5em;

        }

        .alert {

            border: 2px solid #000;

        }


        img {

            border: 2px solid #fff;

            padding: 2px;

            margin: 2px;

        }

        a:hover img {

            border: 2px solid #294172;

        }

        .logos {

            margin: 1em;

            text-align: center;

        }

        /*]]>*/

    </style>

</head>


<body>

    <h1>Welcome to <strong>nginx</strong> on Red Hat Enterprise
Linux!</h1>


    <div class="content">

        <p>This page is used to test the proper operation of the

        <strong>nginx</strong> HTTP server after it has been
```

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```
installed. If you can read this page, it means that the
web server installed at this site is working
properly.</p>


<div class="alert">
    <h2>Website Administrator</h2>
    <div class="content">
        <p>This is the default <tt>index.html</tt> page that
        is distributed with <strong>nginx</strong> on
        Red Hat Enterprise Linux.  It is located in
        <tt>/usr/share/nginx/html</tt>.</p>


        <p>You should now put your content in a location of
        your choice and edit the <tt>root</tt> configuration
        directive in the <strong>nginx</strong>
        configuration file
        <tt>/etc/nginx/nginx.conf</tt>.</p>


        <p>For information on Red Hat Enterprise Linux, please
visit the <a href="http://www.redhat.com/">Red Hat, Inc. website</a>. The
documentation for Red Hat Enterprise Linux is <a
href="http://www.redhat.com/docs/manuals/enterprise/">available on the Red
Hat, Inc. website</a>.</p>


    </div>
</div>


<div class="logos">
    <a href="http://nginx.net/"><img
        src="nginx-logo.png"
        alt="[ Powered by nginx ]"
        width="121" height="32" /></a>
    <a href="http://www.redhat.com/"><img
```

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```
            src="poweredby.png"

            alt="[ Powered by Red Hat Enterprise Linux ]"

            width="88" height="31" /></a>

        </div>

      </div>

    </body>
```

Part 3:

./wgettext http://localhost:81:/index.html

Should output:

```
[localhost] [81] [/index.html]
# Welcome to **nginx** on Red Hat Enterprise Linux!

This page is used to test the proper operation of the **nginx** HTTP server
after it has been installed. If you can read this page, it means that the web
server installed at this site is working properly.

## Website Administrator

This is the default `index.html` page that is distributed with **nginx** on
Red Hat Enterprise Linux. It is located in `/usr/share/nginx/html`.

You should now put your content in a location of your choice and edit the
`root` configuration directive in the **nginx** configuration file
`/etc/nginx/nginx.conf`.

For information on Red Hat Enterprise Linux, please visit the [Red Hat, Inc.
website](http://www.redhat.com/). The documentation for Red Hat Enterprise
Linux is [available on the Red Hat, Inc.
website](http://www.redhat.com/docs/manuals/enterprise/).

[![\[ Powered by nginx \]](nginx-logo.png)](http://nginx.net/) [![\[ Powered
by Red Hat Enterprise Linux \]](poweredby.png)](http://www.redhat.com/)
```