SCHOOL OF COMPUTER SCIENCE

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Navigation	Make Submission	View Feedback	Status	Help

Selected Assignment -> 2020/Semester 1/Computer Networks and Applications/Web Server

Assignment Repository to be Submitted:

https://version-control.adelaide.edu.au/svn/a1779153/2020/s1/cna/webserver

Choose a submission from the "Submission" column to view the test script output and any associated marks. The selected "Submission" item is highlighted in **red**. If available, "Helpful Hints" or "Feedback" can be chosen too. All the items in the "Submission" column are listed with the most recent first. If the assignment deadline is known to the Web Submission system, this will be indicated in the Submissions column too.

Submission	Feedback
-----Due Date----- **Mar 26 14:51 r280(35)** Mar 26 14:46 r279(35) Mar 26 14:42 r278(30) Mar 26 14:38 r277(10) Mar 26 14:35 r276(25) Mar 26 14:33 r275(0) Mar 26 14:27 r274(30) Mar 26 14:23 r273(20) Mar 26 14:10 r272(5) Mar 26 00:00 r260(30) Mar 25 23:59 r259(0) Mar 25 22:50 r253(30) Mar 25 22:47 r252(25) Mar 25 22:35 r251(25) Mar 25 22:30 r250(30) Mar 25 22:29 r249(0) Mar 25 22:25 r248(0) Mar 25 22:24 r247(0) Mar 25 02:48 r246(25) Mar 25 02:46 r245(0) Mar 25 02:38 r244(20) Mar 25 02:35 r243(10) Mar 25 02:13 r242(10) Mar 25 02:09 r241(10)	**Due Date:** Mar 27 17:00 **Final Assignment Mark: 35** View Feedback in the Practical Marker **Assignment Repository Submitted:** https://version-control.adelaide.edu.au/svn/a1779153/2020/s1/cna/webserver/?p=280 **Submitted:** Mar 26 14:51.26 **Status: Finished execution** **Marks at:** Mar 26 14:51.26

Marks at: Mar 26 14:51.26

Part	Marks	Maximum
	35	
Total Marks	35	35

Output at: Mar 26 14:51.26

```
SVN Exported revision 280.

will use your helpers.c/helpers.h file
```

```
will use your httpreq.h file
comparing with skeleton code....
Your submission appears to be based on the provided skeleton code.  As expected.
compiling programs.... from the source directory.
gcc -o web_server helpers.c web_server.c
compilation successful....
user port
5105
netstat
starting web server
checking start up with netstat
(Not all processes could be identified, non-owned process info
 will not be shown, you would have to be root to see it all.)
tcp        0      0 0.0.0.0:5105            0.0.0.0:*               LISTEN     26572/./web_server
server started up successfully

running tests....

note that if at any stage the WebClient throws a null pointer exception,
it is most likely that your server closed the socket while the client was
still expecting further response.

Test A - server acceptance of client requests and request for html file
received request: GET /test.html HTTP/1.0


Method is: GET
URI is: /test.html
version is: HTTP/1.0
0server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources
access OK

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources/
access OK

Sending response line: HTTP/1.0 200 OK

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources/
access OK

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources/
access OK

Sending headers: Content-Length: 105


Sending file contents of /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources/t
<HTML>
<HEAD></HEAD>
<BODY>
<CENTER>
<H1>HTML file downloaded successfully</H1>
</CENTER>
</BODY>
```

```
</HTML>
finished reading file

comparing output....
test A successful.

Test B - request for non existant file
received request: GET /no-such-file.html HTTP/1.0


Method is: GET
URI is: /no-such-file.html
version is: HTTP/1.0
0server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources
access failed

Sending response line: HTTP/1.0 404 Not Found

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources,
access failed

comparing output....
test B successful

Test C - head method
received request: HEAD /test.html HTTP/1.0


Method is: HEAD
URI is: /test.html
version is: HTTP/1.0
1server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources
access OK

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources,
access OK

Sending response line: HTTP/1.0 200 OK

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources,
access OK

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources,
access OK

Sending headers: Content-Length: 105


comparing output....
test C successful

Test D - unimplemented method
received request: DELETE /test.html HTTP/1.0
```

```
Method is: DELETE
URI is: /test.html
version is: HTTP/1.0
0Sending response line: HTTP/1.0 501 Not Implemented

server resource location: /tmp/dumbbunny04-a1779153-2020-s1-cna-webserver-200326-145126-280/resources,
access OK

comparing output....
test D successful

Test E - bad request
received request: HTTP/1.0 GET /index.html


Method is: HTTP/1.0
URI is: GET
version is: /index.html
0Sending response line: HTTP/1.0 400 Bad Request

comparing output....
test E successful

If you reached here, your server successfully handles multiple requests successfully.
test F successful
Tests completed successfully, finishing up
Killing Web Server
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
marks: compiles-1 socket-bind-5 accepts correct requests & serves html-5 missing file-5 HEAD-5 UNIMP-!
total marks are provisional
total_marks out of 35: 35
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```