Lab7
2018A7PS0624G

1. The client, as a command-line argument, accepts the URL of the file. The URL can be HTTP or HTTPS-based. Below are examples of sample URLs:

URL: http://www.vinayaknaik.info/index.html

```
Parmeshwars-MacBook-Air:Lab7 pf$ ./client http://www.vinayaknaik.info/index.html
Domain: www.vinayaknaik.info
Path: /index.html
File : index.html

Socket successfully created...
Connected to the server
Request sent
Receiving data..
HTTP/1.1 200 OK
status = 200
Content-Length: 2577416
 Saving data

Download complete :)

Parmeshwars-MacBook-Air:Lab7 pf$ █
```

URL : https://assets.hongkiat.com/uploads/100-absolutely-beautiful-nature-wallpapers-for-your-desktop/blue-sea-sunset.jpg

```
Parmeshwars-MacBook-Air:Lab7 pf$ ./client https://assets.hongkiat.com/uploads/100-absolutely-beautiful-nature-wallpaper
s-for-your-desktop/blue-sea-sunset.jpg
Domain: assets.hongkiat.com
Path: /uploads/100-absolutely-beautiful-nature-wallpapers-for-your-desktop/blue-sea-sunset.jpg
File : blue-sea-sunset.jpg

Socket successfully created...
Connected to the server
Request sent
Receiving data..
HTTP/1.1 200 OK
status = 200
Content-Length: 232373
 Saving data

Download complete :)

Parmeshwars-MacBook-Air:Lab7 pf$ █
```

URL: https://www.gnu.org/licenses/gpl-3.0.txt

```
Parmeshwars-MacBook-Air:Lab7 pf$ ./client https://www.gnu.org/licenses/gpl-3.0.txt
Domain: www.gnu.org
Path: /licenses/gpl-3.0.txt
File : gpl-3.0.txt

Socket successfully created...
Connected to the server
Request sent
Receiving data..
HTTP/1.1 200 OK
status = 200
Content-Length: 35149
 Saving data

Download complete :)

Parmeshwars-MacBook-Air:Lab7 pf$
```
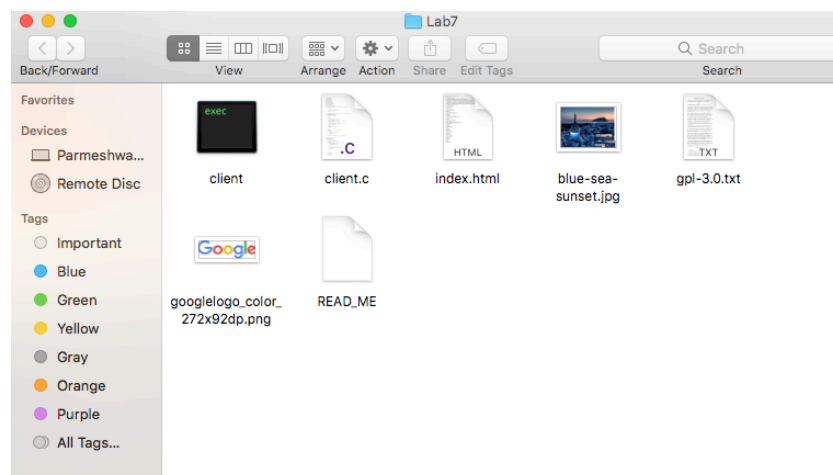
URL : https://www.google.com/images/branding/googlelogo/1x/
googlelogo_color_272x92dp.png

```
Parmeshwars-MacBook-Air:Lab7 pf$ ./client https://www.google.com/images/branding/googlelogo/1x/googlelogo_color_272x92d
p.png
Domain: www.google.com
Path: /images/branding/googlelogo/1x/googlelogo_color_272x92dp.png
File : googlelogo_color_272x92dp.png

Socket successfully created...
Connected to the server
Request sent
Receiving data..
HTTP/1.1 200 OK
status = 200
Content-Length: 5969
 Saving data

Download complete :)

Parmeshwars-MacBook-Air:Lab7 pf$
```

```
Parmeshwars-MacBook-Air:Lab7 pf$ ./client www.nupur.com
Invalid site
Parmeshwars-MacBook-Air:Lab7 pf$
```

```
Parmeshwars-MacBook-Air:Lab7 pf$ ./client https://nupur.com/tennis.png
Domain Name: nupur.com
Path: /tennis.png
File Name: tennis.png

Socket successfully created...
Connected to the server
Request sent
Receiving data..
HTTP/1.1 463
status = 463
Content-Length: 8915
 Incorrect request!
Parmeshwars-MacBook-Air:Lab7 pf$
```