

Task 1: Decode a URL

Component Value	Component Name	Component Meaning
http://	Scheme	The protocol used to communicate which is http on port 80.
www.example .com	Hostname	example.com is the site the client is trying to access
/index.html	Path	The client is trying to access the index.html file

Task 2: Dissect an HTTP Request

Part of Request	Description	Purpose (and why is it necessary)
GET	Method	Tells server to retrieve a resource
/index.html	Resource that we're trying to request for	Specifies the file that the client wants to access if not the server won't know what to give
HTTP/1.1	Protocol + version	To specify the protocol that will be used to communicate with the server
Host: www.example.com	Header	Specifies the domain name that the client wants to access

Task 3: Construct an HTTP Request

```
puolsky@puolsky:~$ netcat -v example.com 80
```

```
Connection to example.com (93.184.215.14) 80 port [tcp/http] succeeded!
```

```
GET / HTTP/1.1
```

```
Host: www.example.com
```