

### TASK3:

Request:www.namal.edu.pk

Res ponce: Html of the requested page.

```
task3.py > ...
1
2 import socket
3 s=socket.socket()
4 host="www.google.com"
5 port=80
6
7 server_ip=socket.gethostbyname(host)
8 print(server_ip)
9 s.connect((host,port))
10 request="GET/https://namal.edu.pk//HTTP/1.1\r\n\r\n"
11 s.send(request.encode("utf-8"))
12 response=s.recv(2048)
13 print(response)

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
1: Python
>That\x00\x99s all we know.</ins>\n'

(base) U:\Computer SCI\Semester_6\Computer Networks\Lab\Week4>C:\ProgramData\Anaconda3\python.exe "u:/Computer SCI/Semester_6/Computer Networks/Lab/Week4/task3.py"
142.250.185.36
b'HTTP/1.0 400 Bad Request\r\nContent-Type: text/html; charset=UTF-8\r\nReferer-Policy: no-referrer\r\nContent-Length: 1555\r\nDate: Fri, 30 Apr 2021 13:58:18 GMT\r\n\r\n<!DOCTYPE html>\nhtml lang=en>\n <meta charset=utf-8>\n <meta name=viewport content="initial-scale=1, minimum-scale=1, width=device-width">\n <title>Error 400 (Bad Request)!!</title>\n <style>\n *{margin:0;padding:0}html,code{font:15px/22px arial,sans-serif}html{background:#fff;color:#222;padding:15px}body{margin:7% auto 0;max-width:390px;min-height:180px;padding:30px 0 15px}* > body{background:url(//www.google.com/images/errors/robot.png) 100% 5px no-repeat;padding-right:205px}p{margin:11px 0 22px;overflow:hidden}ins{color:#777;text-decoration:none}a img{border:0}@media screen and (max-width:772px){body{background:none;margin-top:0;max-width:none;padding-right:0}#logo{background:url(//www.google.com/images/branding/googlelogo/1x/googlelogo_color_150x54dp.png) no-repeat;margin-left:-5px}@media only screen and (min-resolution:192dpi){#logo{background:url(//www.google.com/images/branding/googlelogo/2x/googlelogo_color_150x54dp.png) no-repeat 0% 0%/100% 100%;-moz-border-image:url(//www.google.com/images/branding/googlelogo/2x/googlelogo_color_150x54dp.png) 0}}@media only screen and (-webkit-min-device-pixel-ratio:2){#logo{background:url(//www.google.com/images/branding/googlelogo/2x/googlelogo_color_150x54dp.png) no-repeat;-webkit-background-size:100% 100%}}#logo{display:inline-block;height:54px;width:150px}\n </style>\n <a href=//www.google.com/><span id=logo aria-label=Google></span></a>\n <p><b>400.</b></p><ins>That\x00\x99s an error.</ins>\n <p>Your client has issued a malformed or illegal request. <ins>That\x00\x99s all we know.</ins>\n'
```