

OUTPUT:

```
PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> java .\SocketInfo.java www.google.com www.facebook.com www.reddit.com
www.instagram.com
Connected to www.google.com/142.250.195.4 on port 80 from port 64817 of /192.168.120.177
Connected to www.facebook.com/163.70.145.35 on port 80 from port 64818 of /192.168.120.177
Connected to www.reddit.com/151.101.129.140 on port 80 from port 64819 of /192.168.120.177
Connected to www.instagram.com/163.70.145.174 on port 80 from port 64820 of /192.168.120.177
PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> █
```

OUTPUT:

```
PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> java .\DictClient.java good bad money test
good /gʊd/
1. bonus
2. bonum
.
bad /bæd/
1. malus, phaulius
2. cariosus
.
money /mʔni?/
æs, pecunia
.
test /tɪst/
1. attemptare
2. argumentum
```

OUTPUT:

```
PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> java .\WhoisClient.java www.facebook.com
% IANA WHOIS server
% for more information on IANA, visit http://www.iana.org
% This query returned 1 object

refer:      whois.verisign-grs.com

domain:     COM

organisation: VeriSign Global Registry Services
address:    12061 Bluemont Way
address:    Reston VA 20190
address:    United States of America (the)

contact:    administrative
name:       Registry Customer Service
organisation: VeriSign Global Registry Services
address:    12061 Bluemont Way
address:    Reston VA 20190
address:    United States of America (the)
phone:      +1 703 925-6999
fax-no:     +1 703 948 3978
e-mail:     info@verisign-grs.com

contact:    technical
name:       Registry Customer Service
organisation: VeriSign Global Registry Services
address:    12061 Bluemont Way
address:    Reston VA 20190
address:    United States of America (the)
phone:      +1 703 925-6999
fax-no:     +1 703 948 3978
e-mail:     info@verisign-grs.com

nserver:    A.GTLD-SERVERS.NET 192.5.6.30 2001:503:a83e:0:0:0:2:30
nserver:    B.GTLD-SERVERS.NET 192.33.14.30 2001:503:231d:0:0:0:2:30
nserver:    C.GTLD-SERVERS.NET 192.26.92.30 2001:503:83eb:0:0:0:0:30
nserver:    D.GTLD-SERVERS.NET 192.31.80.30 2001:500:856e:0:0:0:0:30
nserver:    E.GTLD-SERVERS.NET 192.12.94.30 2001:502:1ca1:0:0:0:0:30
nserver:    F.GTLD-SERVERS.NET 192.35.51.30 2001:503:d414:0:0:0:0:30
nserver:    G.GTLD-SERVERS.NET 192.42.93.30 2001:503:eea3:0:0:0:0:30
nserver:    H.GTLD-SERVERS.NET 192.54.112.30 2001:502:8cc:0:0:0:0:30
nserver:    I.GTLD-SERVERS.NET 192.43.172.30 2001:503:39c1:0:0:0:0:30
nserver:    J.GTLD-SERVERS.NET 192.48.79.30 2001:502:7094:0:0:0:0:30
nserver:    K.GTLD-SERVERS.NET 192.52.178.30 2001:503:d2d:0:0:0:0:30
nserver:    L.GTLD-SERVERS.NET 192.41.162.30 2001:500:d937:0:0:0:0:30
nserver:    M.GTLD-SERVERS.NET 192.55.83.30 2001:501:b1f9:0:0:0:0:30
ds-rdata:   19718 13 2 8acbb0cd28f41250a80a491389424d341522d946b0da0c0291f2d3d771d7805a

whois:      whois.verisign-grs.com

status:     ACTIVE
remarks:    Registration information: http://www.verisigninc.com

created:    1985-01-01
changed:    2023-12-07
source:     IANA

❖ PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> |
```

OUTPUT:

```
PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> java .\HalfSocket.java
● HTTP/1.0 200 OK
Date: Fri, 04 Apr 2025 01:15:55 GMT
Expires: -1
Cache-Control: private, max-age=0
Content-Type: text/html; charset=ISO-8859-1
Content-Security-Policy-Report-Only: object-src 'none';base-uri 'self';script-src 'nonce-cxbPQmUoQ8Ye8CVywMTFAw' 'strict-dynamic' 'r
eport-sample' 'unsafe-eval' 'unsafe-inline' https: http;;report-uri https://csp.withgoogle.com/csp/gws/other-hp
P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."
Server: gws
X-XSS-Protection: 0
X-Frame-Options: SAMEORIGIN
Set-Cookie: AEC=AVcja2eqJzaAcMu5HHVPTavCNOOtEPSAjes4_vimsGJ3hCP2n6TxSneiDMI; expires=Wed, 01-Oct-2025 01:15:55 GMT; path=/; domain=.
google.com; Secure; HttpOnly; SameSite=lax
Set-Cookie: NID=522=omd3VvUSxeFWtvO582lxq3a_xbXQYyUGCnIk7s2hhEQZ1rZVpgxwd_g4zvCnjIRxulQxzh-gc0MEjTBQzbHjR-wXTnKvWzEHHamdzZ35kjKFFb
RYTunZ_Diqtdn_EWUkbG6A45Cd4qVPpDpFamRqmtULovGw7QRBFrhk88OcZ9izeAOtSXP_H40CH-R7G9QOSWorOr1_U7PxpqzaQ; expires=Sat, 04-Oct-2025 01:15:
55 GMT; path=/; domain=.google.com; HttpOnly
Accept-Ranges: none
Vary: Accept-Encoding
```

OUTPUT:

```
PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> java .\SocketOptionsDemo.java
● Connected to google.com
TCP_NODELAY: true
SO_TIMEOUT: 5000
SO_KEEPALIVE: true
SO_SNDBUF: 8192
SO_RCVBUF: 8192
SO_LINGER: 5
❖ PS D:\Users\Md Noorullah Khan\network programming\ChapterSix> |
```