

Output - Np practicals (run)

```
run:
www.lict.edu.np/45.115.217.173
BUILD SUCCESSFUL (total time: 2 seconds)
```

GetIpVersion.java

Output - Np practicals (run) x

```
run:
4
```

LowPortScanner.java

Output - Np practicals (run) x

```
run:
There is no server on port 1 of localhost
There is no server on port 2 of localhost
There is no server on port 3 of localhost
There is no server on port 4 of localhost
There is no server on port 5 of localhost
There is no server on port 6 of localhost
There is no server on port 7 of localhost
There is no server on port 8 of localhost
```

URISplitter.java

Output - Np practicals (run) x

```
run:
Scheme: http
Authority: www.example.com
Path: /path
Query: param1=value1&param2=value2
Fragment: fragment
BUILD SUCCESSFUL (total time: 0 seconds)
```

MultithreadedServer

Np practicals (run) #2 x

```
run:
Enter number :
10
From Server to Client-1 Square of 10 is 100
Enter number :
```

MultithreadedServer

Np practicals (run) #2 x

```
run:
Server Started ....
>> Client No:1 started!
From Client-1: Number is :10
```

URLConnection.java

Output - Np practicals (run) x

```
run:
Date : Sun Jul 16 19:59:47 NPT 2023
Content-Type: text/html; charset=utf-8
Expires: Mon Jan 01 05:45:00 NPT 1990
Last modified Sun Jul 16 20:00:02 NPT 2023
BUILD SUCCESSFUL (total time: 2 seconds)
```

SimpleHttpServer.java

Output - Np practicals (run) x

```
run:
Server started on port 8000
```

C:\Windows\System32\cmd.exe

```
E:\Software setup files\NP practicals\src\np\practicals>java SplitUrl
https://www.example.com/path/page?param1=value1&param2=value2#fragment
The URL is https://www.example.com/path/page?param1=value1
The Scheme is https
The user info is null
The host is www.example.com
The port is -1
The path is /path/page
The ref is null
The query string is param1=value1
```

```
Output - Np practicals (run) x
run:
Response from Dmoz:
<!doctype html><html itemscope="" itemtype="http://s
BUILD SUCCESSFUL (total time: 2 seconds)
```

```
URI_ENCODER.java
Output - Np practicals (run) x
run:
The+string+has+spaces+
The^string^has^asterisks
The%25string%25has%25percent%25signs
The%2Bstring%2Bhas%2Bpluses+
The%2Fstring%2Fhas%2Fslashes+
The%22string%22+has%22+quote%22marks
The%3Astring%3Ahas%3Acolons+
The%7Estring%7Ehas%7Etilde+
The%28string%29has%28parentheses%29+
The.string.has.periods+
The%3Dstring%3Dhas%3Dequals%3Dsigns+
The%26string%26has%26ampersands+
The%C3%A9string%C3%A9has%C3%A9non-ASCII+characters+
BUILD SUCCESSFUL (total time: 0 seconds)
```

```
SecureOrderTaker.java
Output - Np practicals (run) x
run:
Secure Order Taker
=====
Enter your name: Bipin
Enter your address: Tandil
Enter your credit card number: 98726273

Order Summary
-----
Name: Bipin
Address: Tandil
Credit Card Number: 98726273
BUILD SUCCESSFUL (total time: 25 seconds)
```

```
LoggingServer.java
Output - Np practicals (run) x
run:
Jul 17, 2023 8:12:56 AM np.practicals.LoggingClient main
INFO: This is an informational message.
Jul 17, 2023 8:12:56 AM np.practicals.LoggingClient main
INFO: This is an informational message.
Jul 17, 2023 8:12:56 AM np.practicals.LoggingClient main
WARNING: This is a warning message.
Jul 17, 2023 8:12:56 AM np.practicals.LoggingClient main
WARNING: This is a warning message.
Jul 17, 2023 8:12:56 AM np.practicals.LoggingClient main
SEVERE: This is an error message.
Jul 17, 2023 8:12:56 AM np.practicals.LoggingClient main
SEVERE: This is an error message.
```

```
SingleFileHttpServer.java
Output - Np practicals (run) x
run:
Accepting connections on port 90
Data to be sent:
<!DOCTYPE html>
<html>
<head>
<title>My Sample Page</title>
</head>
<body>
<h1>Welcome to My Sample Page</h1>
<p>This is a sample HTML page.</p>
</body>
</html>
```

PacketReceiveDemo.java

Output ×

Np practicals (run) × Np practicals (run) #2 ×

```
run:
UDP Packet Receiver started on port 5000
Received data: Hello, UDP!
BUILD SUCCESSFUL (total time: 11 seconds)
```

PacketSendDemo.java

Output ×

Np practicals (run) × Np practicals (run) #2 ×

```
run:
UDP Packet sent to localhost:5000
BUILD SUCCESSFUL (total time: 0 seconds)
```

SelectorDemo.java

Output ×

Np practicals (run) × Np practicals (run) #2 ×

```
run:
Server started on port 8030
Accepted new connection: /127.0.0.1:62479
Received data from /127.0.0.1:62479: Hello Server
```

Client.java

Output ×

Np practicals (run) #2 × Np practicals (run) #3 ×

```
run:
Multicast Socket Client started on 224.0.0.1:5000
Sent message: Hello, multicast!
BUILD SUCCESSFUL (total time: 0 seconds)
```

Server.java

Output ×

Np practicals (run) #2 × Np practicals (run) #3 ×

```
run:
Multicast Socket Server started on 224.0.0.1:5000
Received message: Hello, multicast!
```

MyServer.java

Output ×

RMI (run) × RMI (run) #2 ×

```
run:
Server is running
```

MyClient.java

Output ×

RMI (run) × RMI (run) #2 ×

```
run:
The Factorial is 120
BUILD SUCCESSFUL (total time: 0 seconds)
```