

Chapter — 5 : URL Connections

1. Write a program to download a web page using URLConnection.
2. Write a program to read value of HTTP Header fields
3. Write a program to print the entire HTTP header
4. Write a program for HTTP Request Method
5. Write a program to print the URL of a URLConnection to "hafoss.edu.np"
6. Write a program to get the time when a URI was last changed

Chapter 6 : Sockets for Clients

1. Write a program reading from servers with socket.....
1. Write a program Writing from servers with socket
2. Write a program socket to read TimeClient.....
3. Write a program socket to LowPortScanner
4. Write a program socket to SocketInfo

Chapter 7: Sockets for Servers

1. Write a program socket for a server.....
2. DateTime using Sockets for Servers (thread)
3. Write a program Server Socket to LocalPortScanner

Chapter 8 : Secure Sockets

1. Write a program for Creating Secure Sockets with tufohss.edu.np.....
2. Write a program for Creating Secure ServerSockets and Client Sockets

Chapter 9: Nonblocking

1. Write program to list all supported socket options for the different types of network channels
2. Write program to implement the concept on Filling and Draining buffer, Duplicating buffer, Slicing buffer, Compact buffer
3. Write a program to implement the concept on Data Conversion

Chapter 10: UDP.....

I. Write a program for UDP Client example

2. Write a program for UDP Server example

Chapter - 11: IP Multicast

1. Program to verify that you are receiving multicast data at a particular host

Chapter -12: RMI

1. Program to add two numbers using RMI

2. Program to find Factorial numbers using RMI

```
// 4! = 4*3*2*1 =24
// 5! = 5*4*3*2*1 =120
public class factorial {
    public static void main(String[] args) {
        int i, fact =1;
        int n=5;
        for(i=1;i<=n;i++){
            fact =fact*i;
        }
        System.out.println("Factorial :" +fact );
    }
}
```