**NSP-LAB3**

**Topic 2: Client-server Application: Socket**

Work to do:

**Exercise 1**

Write an echo program between a client and a server (in TCP and UDP protocol). This program allows:

* If the client requests a connection, the server response with the message Welcome.
* If the client sends a message, when the message is received by the server, the server replies by the same message. While the message! =end.

**Exercise 2**

Write a program « service » that provide the following service for clients:

1. When a client sends the radius of a disk, the service will return the area of the disk (πr²).
2. Modify the server program to be able to handle multiple clients.