

SESSIONAL EXAM SPRING 2024

CNET LAB

TOTAL MARKS: 30

TOTAL TIME: 1.5 HOURS

Question 1 [15]

Write a TCP server in c/c++ which can accept total 4 clients. Now first two clients can chat with each other. Similarly, 3rd and 4th clients are also able to chat with each other. This communication between first two clients and last two clients will be in parallel.

Question 2 [15]

Write a concurrent server in c/c++ which can accept both TCP and UDP connections. Unlimited clients can connect with server either with TCP or UDP and can send integer number n to a server. Server will respond back to client with 'n+5'.

Submission: Make two folders with name qno1 and qno2. Place .c files only. Then compress and submit it to GCR. Zip file should be named as your roll number and name.

- Submission will be closed after due time. So, manage accordingly.
- Any type of cheating will result in F grade.
- Internet or chatgpt is not allowed.