جامعة الأقصر
كلية الحاسبات والمعلومات
قسم تكنولوجيا المعلومات
Lab Assignment 4
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Instructor: Dr. Hosny Abbas   Level: 4-IT   Subject: Network Programming   Semester: Second 2022/2023

Q1) Implement the following network applications with socket programming in java using Multicast UDP Sockets.:

1. A network multicast application consists of a sender which sends a message to a multicast group one time only. Each receiver in the multicast group should receive the message and print it on its console. Use the IP "239.5.4.1" for the multicast group with port number 5600.

2. A network multicast application consists of a sender which sends periodically a counter value N every second to a multicast group consists of 3 receivers each of them receives the counter value and prints it on its console. Use loops in both sides and selects the appropriate IP and port number for the multicast group.