Task

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Course: CS 6490-001 Network Security

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▼ Task Content:

Write client server programs (in Java, also acceptable in Python) using TCP sockets where the client (Alice) and the server (Bob) perform a Diffie-Hellman exchange. Let g = 1907, p = 784313, S A = 160031 (Alice’s secret), and S B = 12077 (Bob’s secret). Your output must show the numbers sent by Alice and Bob for the Diffie-Hellman exchange as well the shared key after the exchange.