SNS-ASSIGNMENT-2

BT18CSE063 - CHAUDHARI AMITSINH PRATAPSINH

Q1-a

Execution instructions:

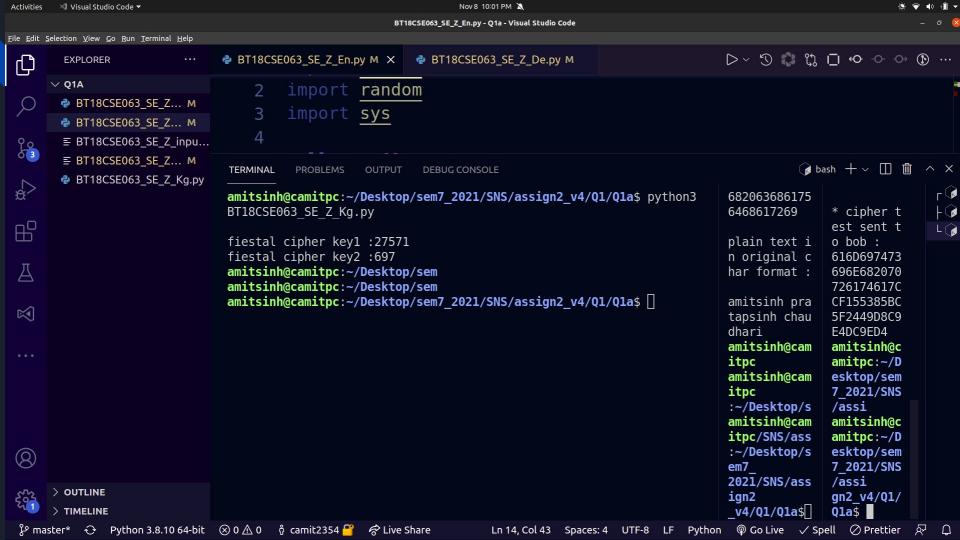
- 1) Terminal command For Key generation: python3 BT18CSE063_SE_Z_Kg.py
- 2) Terminal 1 -> First start server side / decryption side which

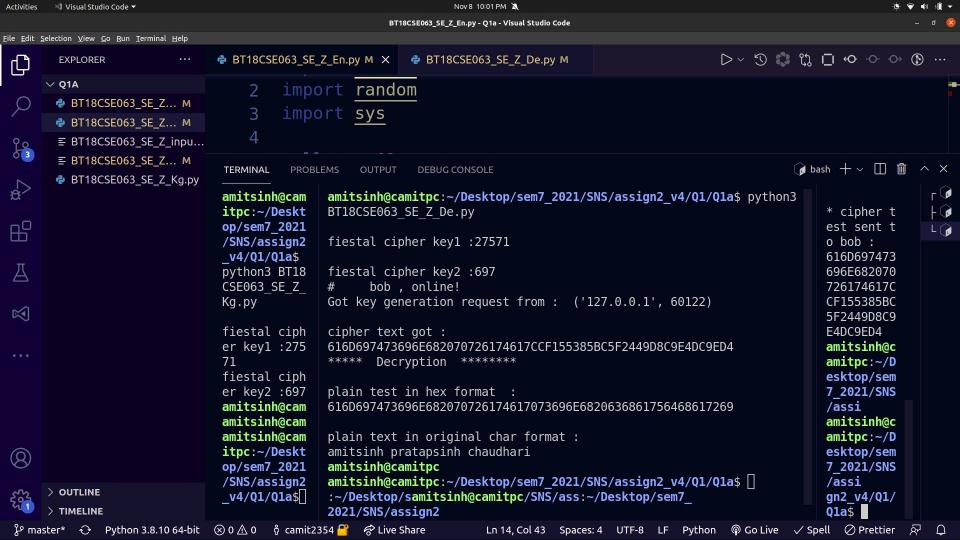
Will accept cipher test from client node /encryption node

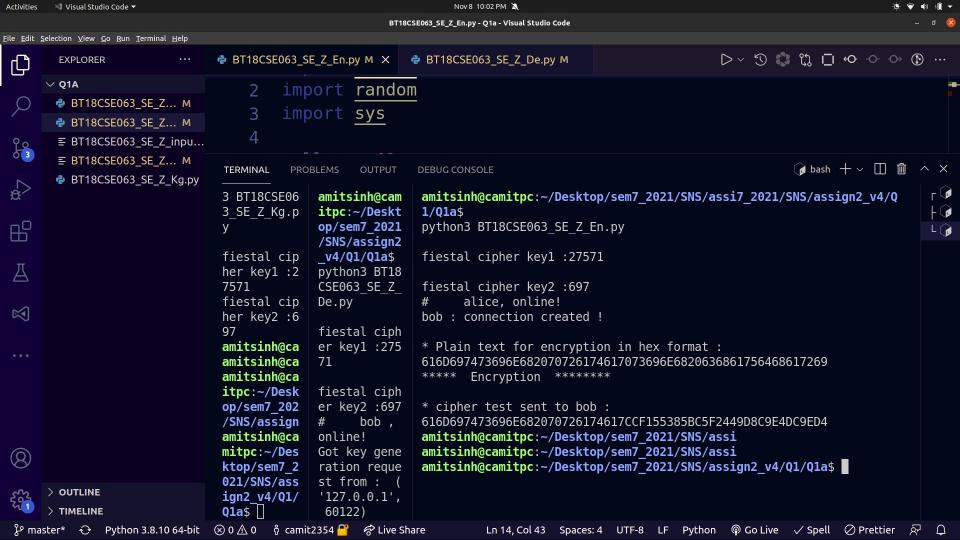
Command: python3 BT18CSE063_SE_Z_De.py

3) Terminal 2 -> next start encryption process and send cipher test to decrypter:

Terminal command: python3 BT18CSE063_SE_Z_En.py







Q1-b

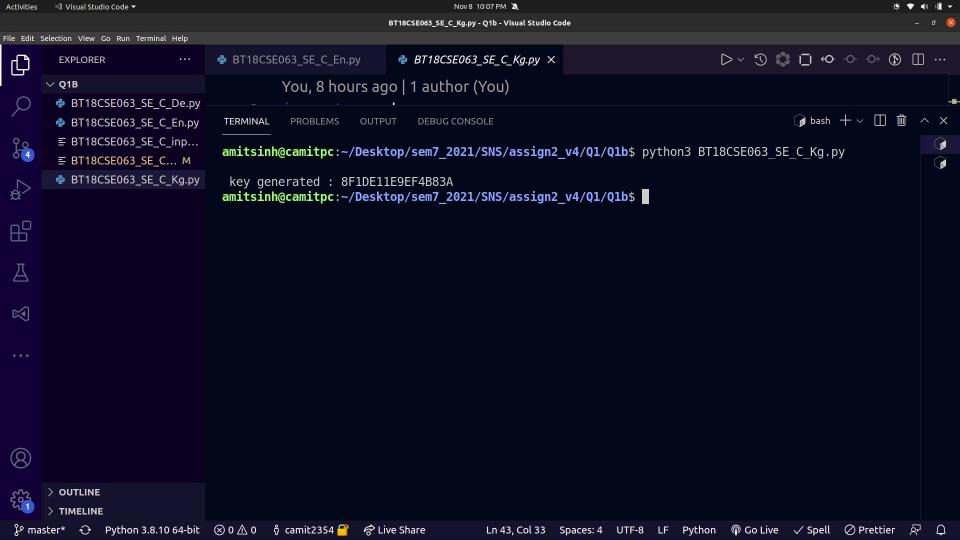
Execution instructions:

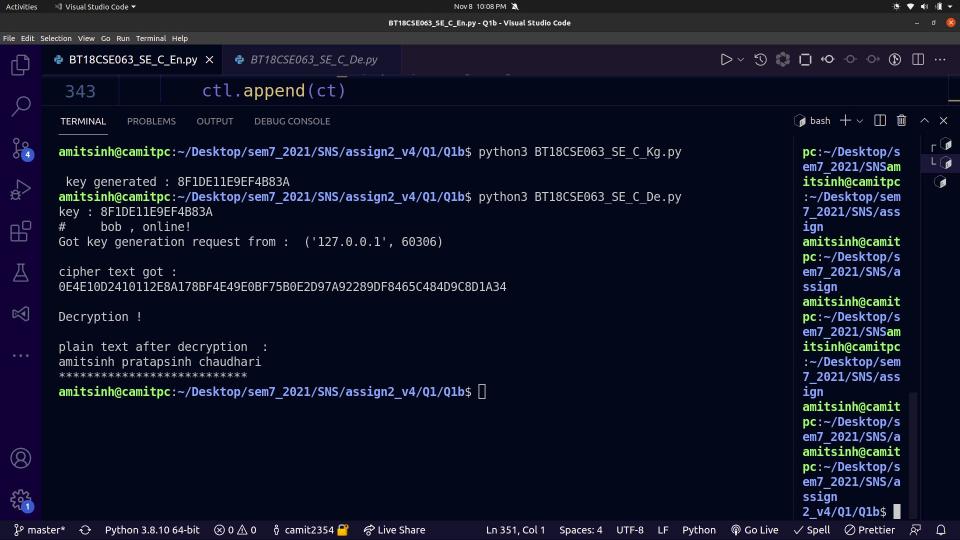
- 1) Terminal command For Key generation: python3 BT18CSE063_SE_C_Kg.py
- 2) Terminal 1 -> First start server side / decryption side which

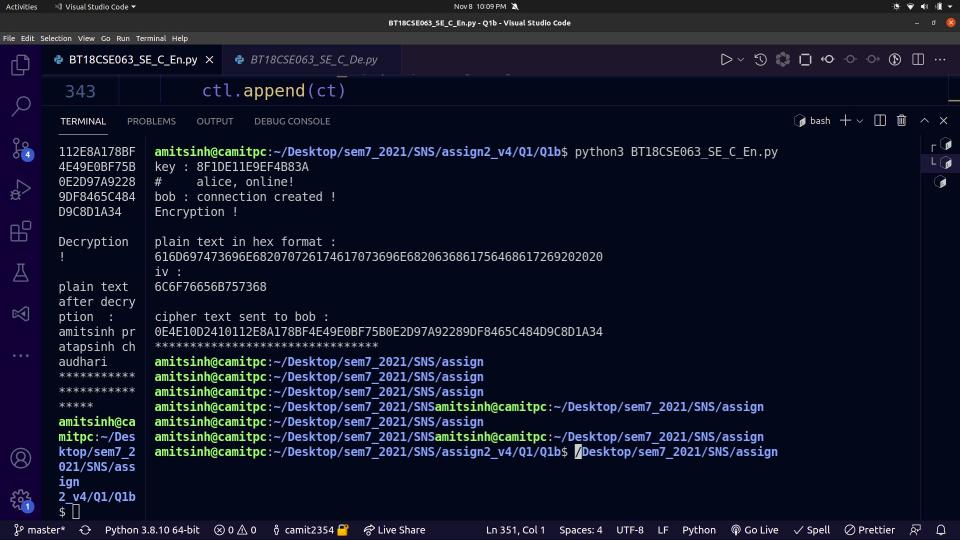
Will accept cipher test from client node /encryption node

Command: python3 BT18CSE063_SE_C_De.py

3) Terminal 2 -> next start encryption process and send cipher test to decrypter : python3 BT18CSE063_SE_C_En.py

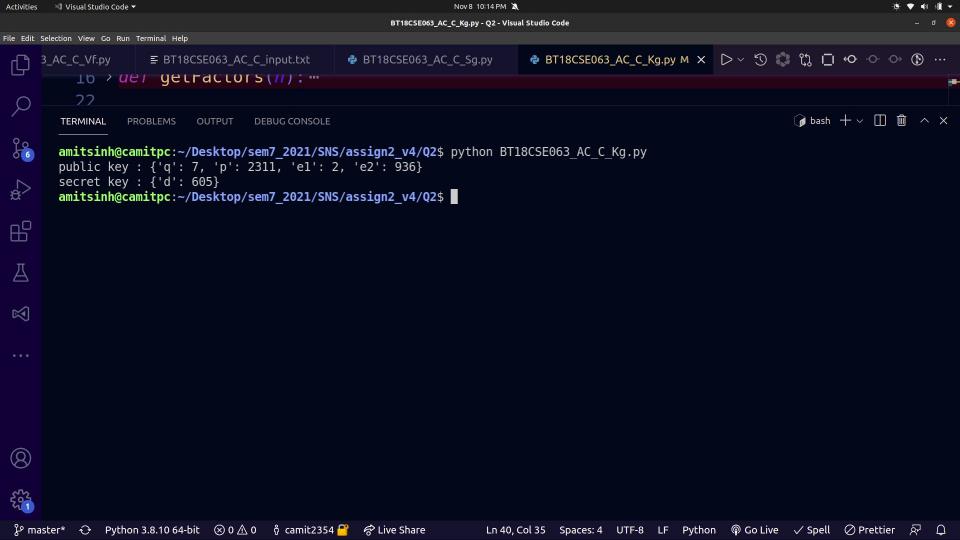


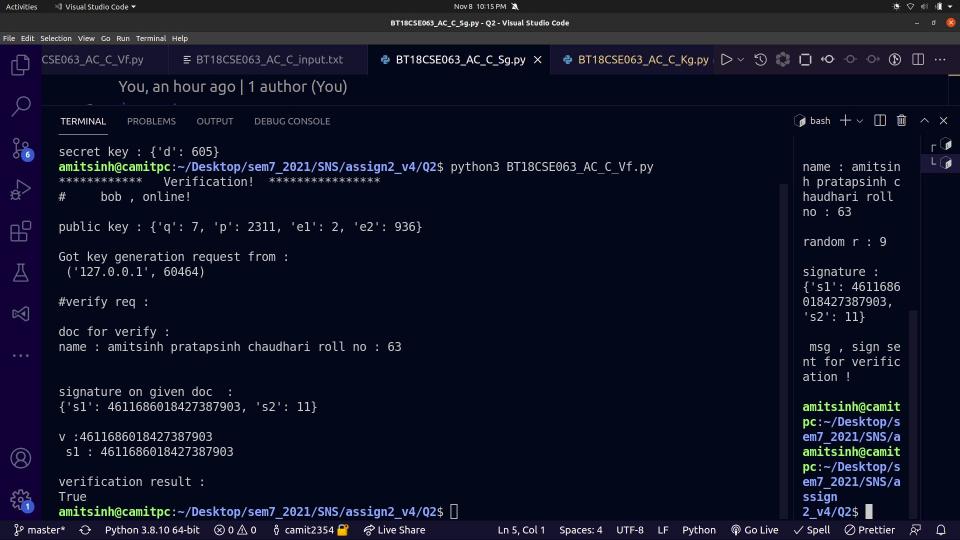


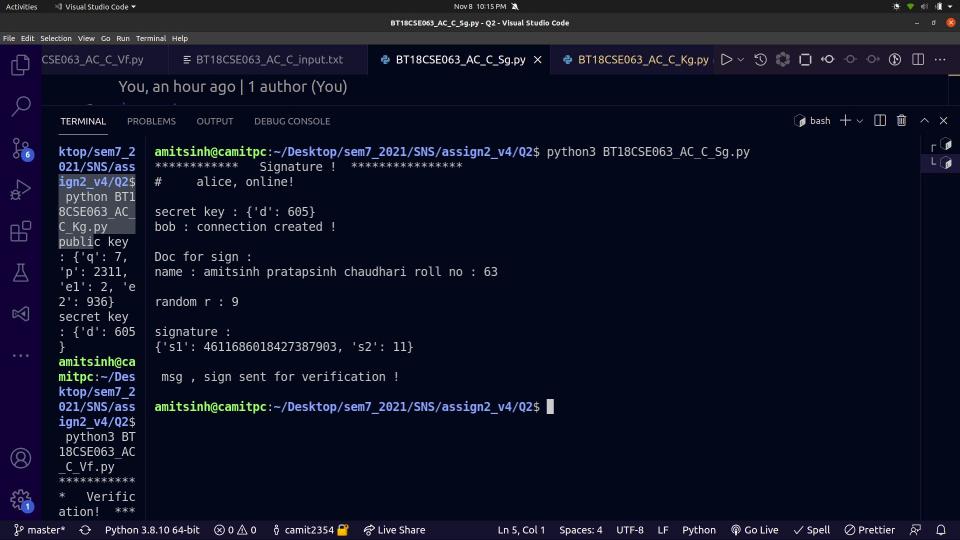


Execution instructions:

- 1) Key generation: python BT18CSE063_AC_C_Kg.py
- 2) Terminal 1 -> Start verifier in listening mode : python3 BT18CSE063_AC_C_Vf.py
- 3) Terminal 2 -> Start signer & send sign, msg to verifier in new terminal : python3 BT18CSE063_AC_C_Sg.py

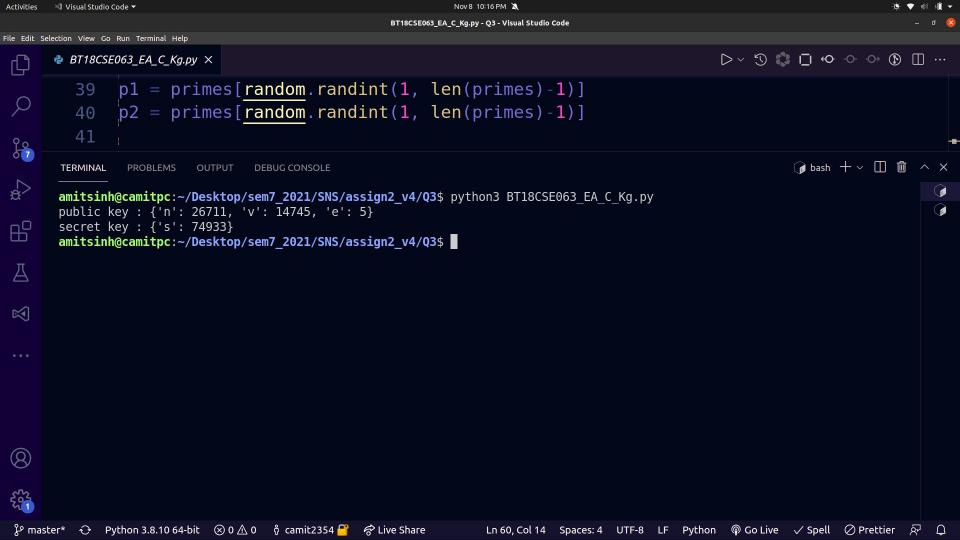


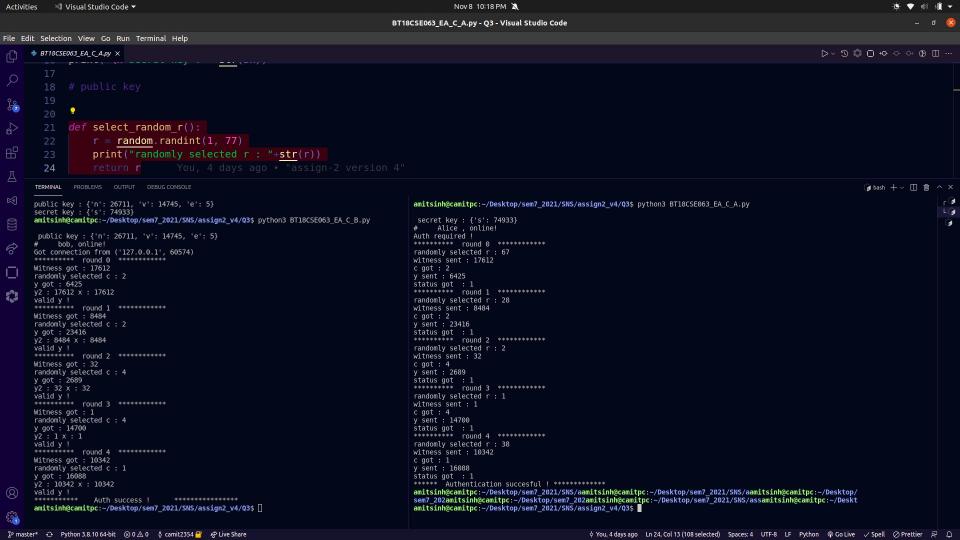




Execution instructions:

- 1) Key generation: python3 BT18CSE063_EA_C_Kg.py
- 2) Terminal 1: Start the authenticator node (bob) in listening mode: python3 BT18CSE063_EA_C_B.py
- 3) Terminal 2: Start the connection req creating node & create a connection req: python3 BT18CSE063_EA_C_A.py

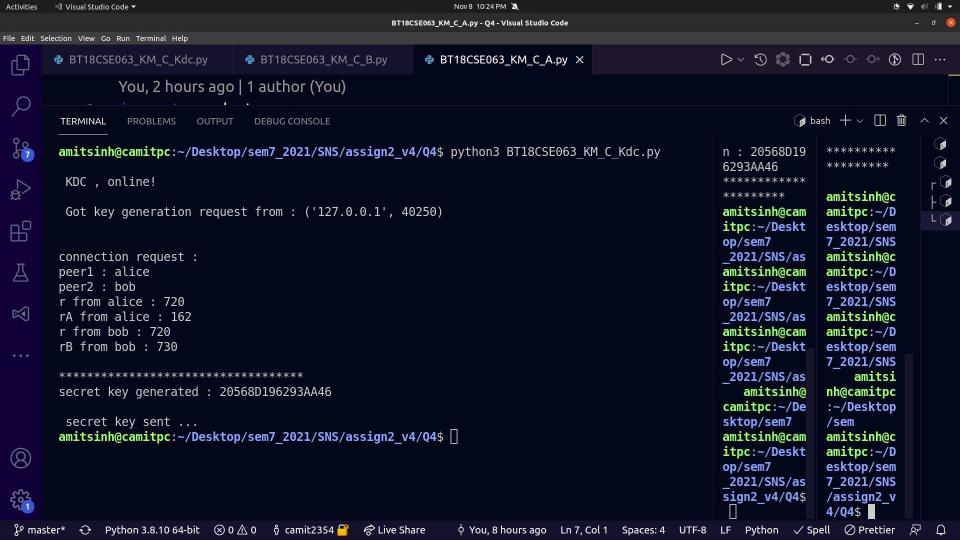




Q4

Execution instructions:

- 1) Terminal 1 -> Start KDC in listening mode: python3 BT18CSE063_KM_C_Kdc.py
- 2) Terminal 2 -> Start Bob in listening mode: python3 BT18CSE063_KM_C_B.py
- 3) Terminal 3 -> Alice Create connection req to Bob & acquire secret key for further communication from KDC: python3 BT18CSE063_KM_C_A.py



Activities ✓ Visual Studio Code ▼ Nov 8 10:24 PM BT18CSE063_KM_C_A.py - Q4 - Visual Studio Code File Edit Selection View Go Run Terminal Help D > 5 2 1 4 4 4 5 1 ... BT18CSE063 KM C Kdc.py ₱ BT18CSE063 KM C B.py ₱ BT18CSE063 KM C A.py × You, 2 hours ago | 1 author (You) ø bash +∨ ∏ iiii **TERMINAL PROBLEMS** OUTPUT **DEBUG CONSOLE** amitsinh@ca amitsinh@camitpc:~/Desktop/sem7 2021/SNS/assign2 v4/Q4\$ python3 BT18CSE063 KM C B.py ******* mitpc:~/Des ****** Bob , online! Γ ktop/sem7 2 021/SNS/ass amitsinh@c 1 ian2 v4/04\$ Got connection reg from : ('127.0.0.1', 60708) amitpc:~/D L python3 BT esktop/sem 18CSE063 KM msg request : 7 2021/SNS peer1 : alice amitsinh@c C Kdc.py A amitpc:~/D peer2 : bob KDC , onli r: 720 esktop/sem rB selected : 730 7 2021/SNS ne! M amitsinh@c Got key ge *********** amitpc:~/D neration re secret key received for communication : 20568D196293AA46 esktop/sem auest from 7 2021/SNS amitsinh@camitpc:~/Desktop/sem7 amitsi : ('127.0.0 .1', 40250) 2021/SNS/asamitsinh@camitpc:~/Desktop/sem7 nh@camitpc 2021/SNS/asamitsinh@camitpc:~/Desktop/sem7 :~/Desktop 2021/SNS/as amitsinh@camitpc:~/Desktop/sem7 /sem amitsinh@c connection amitsinh@camitpc:~/Desktop/sem7 2021/SNS/as amitpc:~/D request : amitsinh@camitpc:~/Desktop/sem7 2021/SNS/assign2 v4/Q4\$ 🗌 peer1 : ali esktop/sem 7 2021/SNS ce peer2 : bob /assign2 v r from alic 4/Q4\$ 🎖 master* 😌 Python 3.8.10 64-bit ⊗ 0 🛆 0 🐧 camit2354 臂 🕏 Live Share ♦ You, 8 hours ago Ln 7, Col 1 Spaces: 4 UTF-8 LF Python ✓ Spell ⊘ Prettier

