**COMSAT UNIVERSITY ISLAMABAD ATTOCK CAMPUS**

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**INFORMATION SECURITY**

**NAME: MENAHIL NOOR**

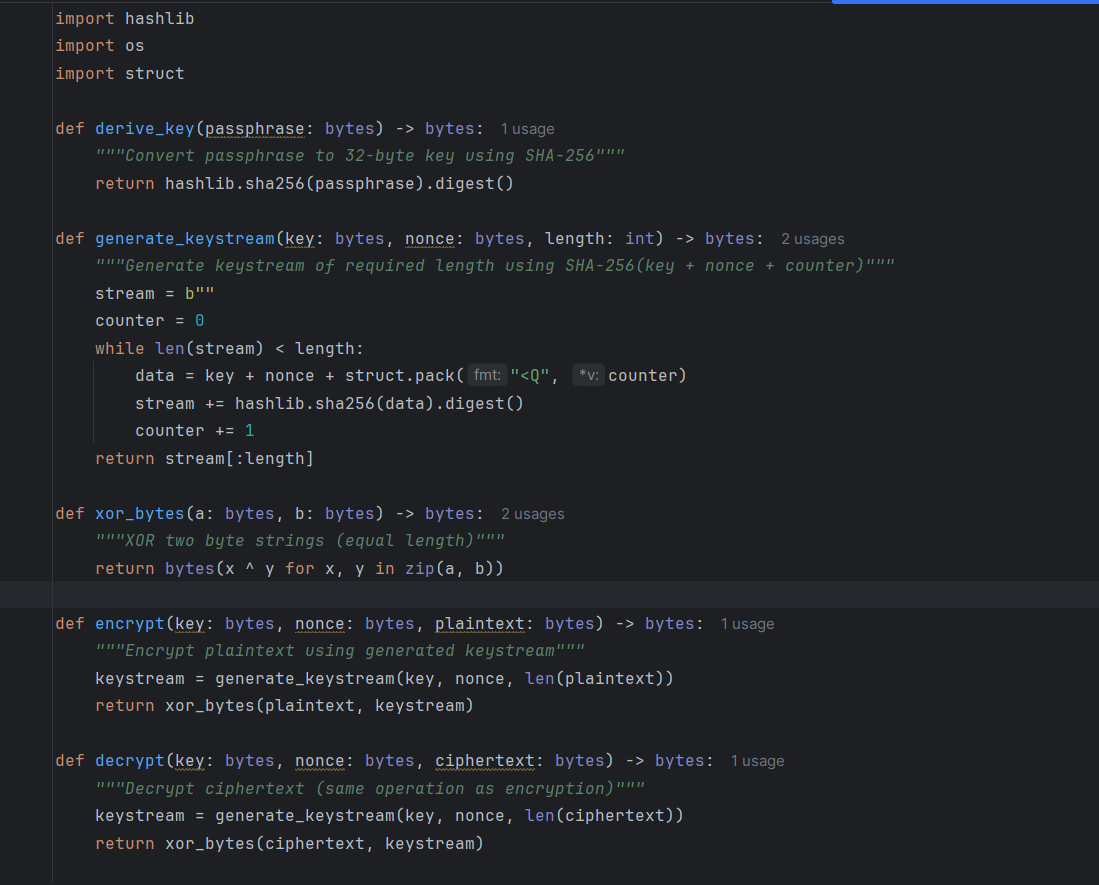
**REGISTRATION NO: SP24-BSE-035**

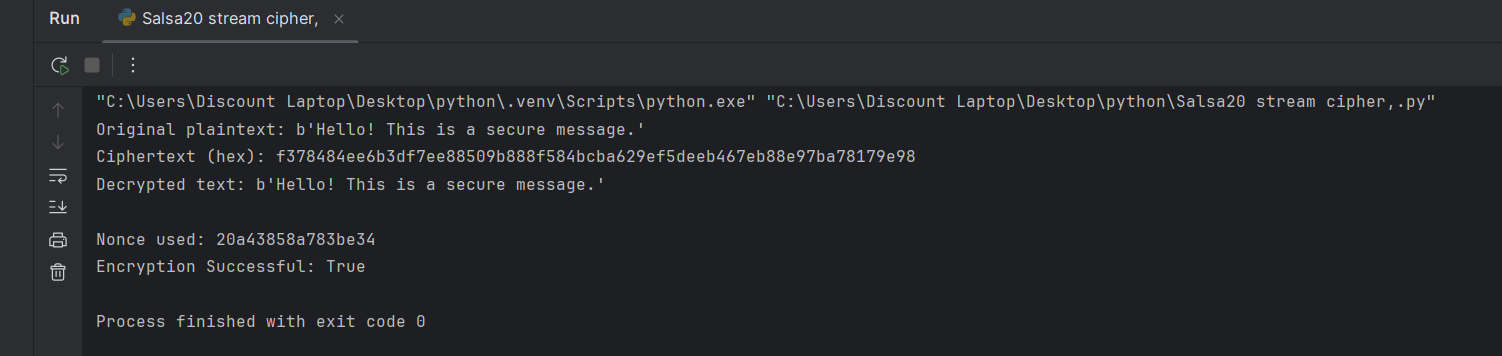
**ASSIGNMENT: 01**

**DEPARTMENT: SOFTWARE ENGINEERING**

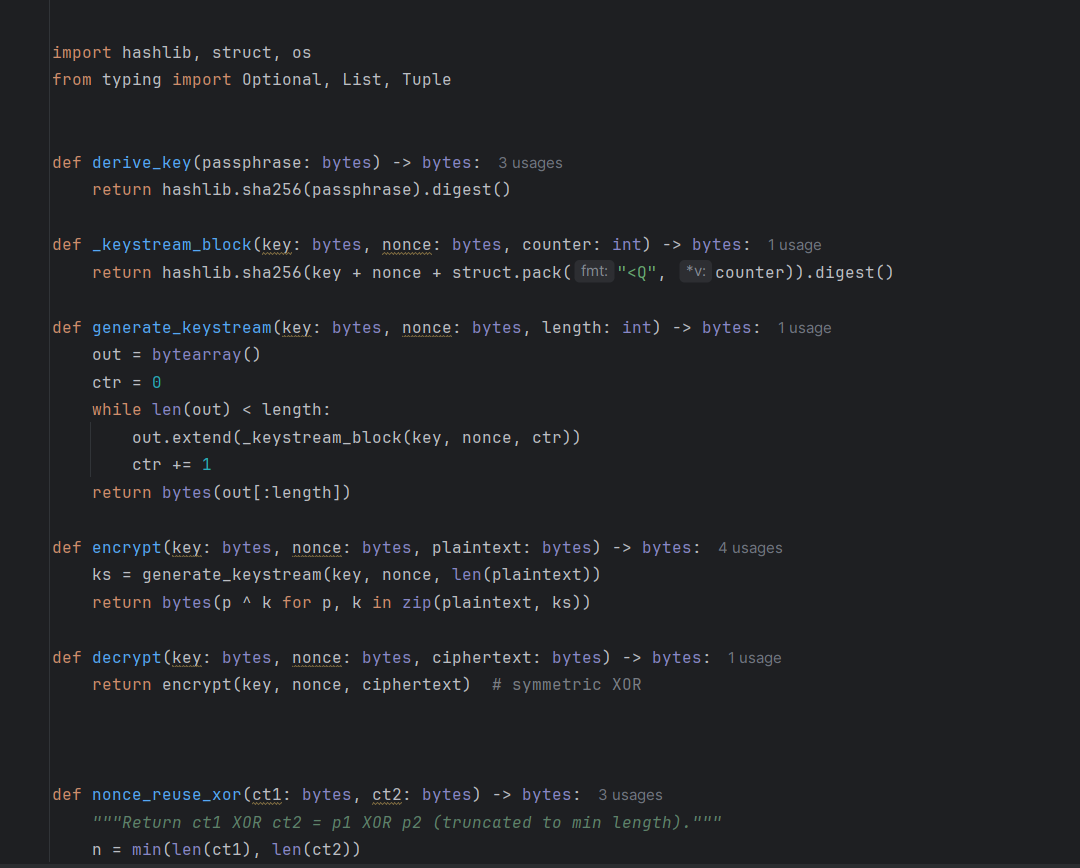
**DATE: 11 OCTOBER 2025**

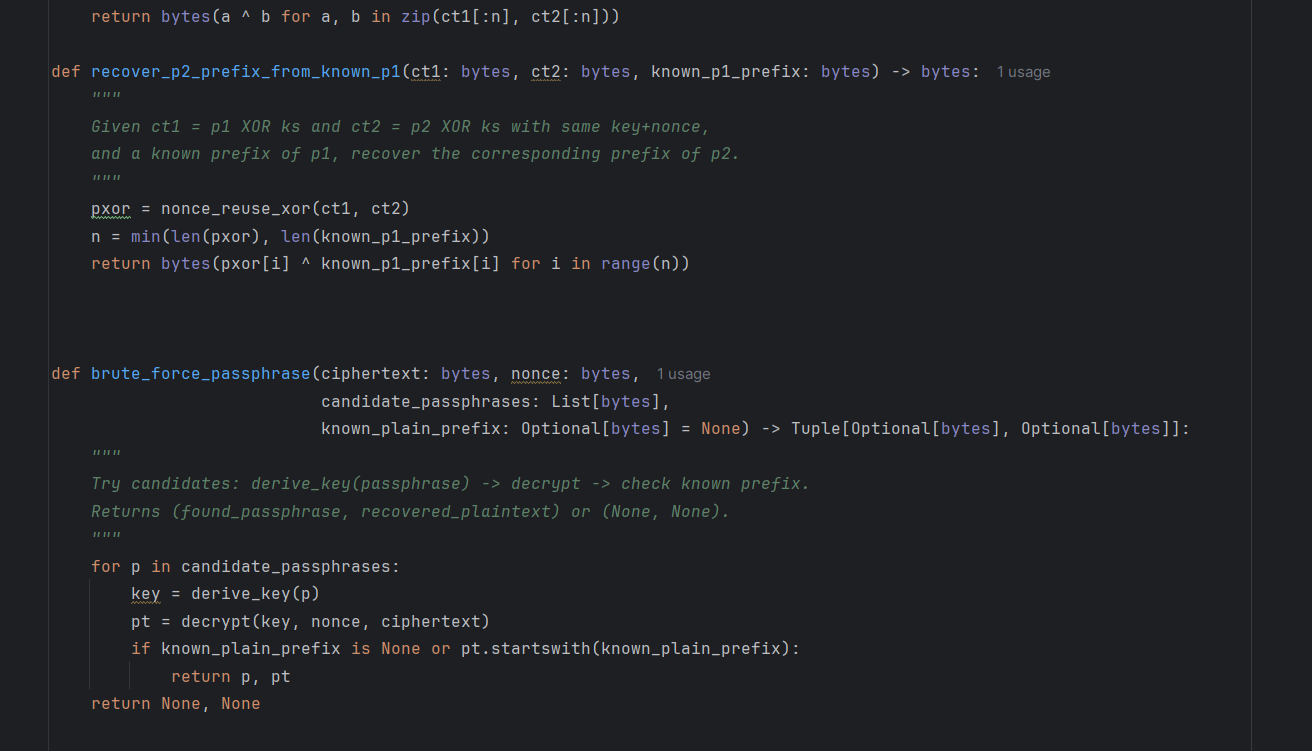
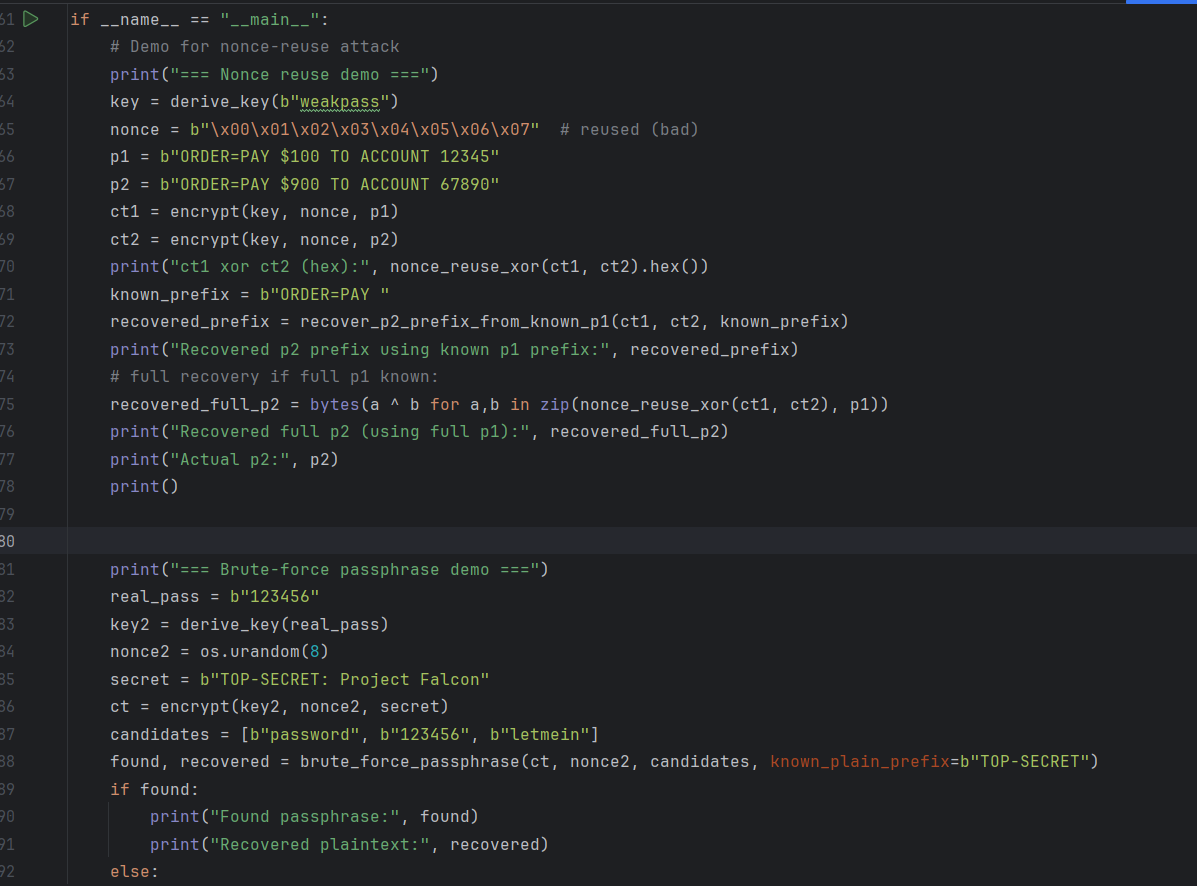
1. **Write python code for your designed stream cipher approach for encryption decryption, you can use approach from more than one already developed ciphers as given in lab practice exercises.**

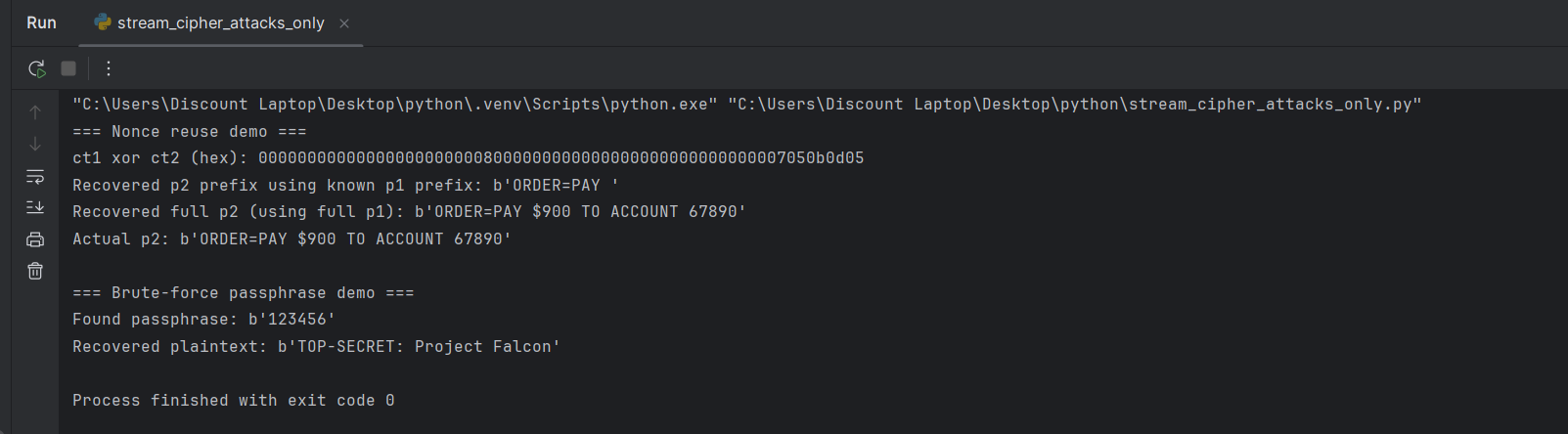
**CODE:**

**OUTPUT:**

1. **Design and implement an adversarial attack approach for your proposed stream cipher approach.**

**CODE:**



**OUTPUT:**