**LAB7**

**DHANUSHA MALLAVAJJALA**

**TASK1**

**Frequency Analysis**

Graphical user interface, text

Description automatically generated with medium confidence

**Output-**

Text

Description automatically generated

Text

Description automatically generated

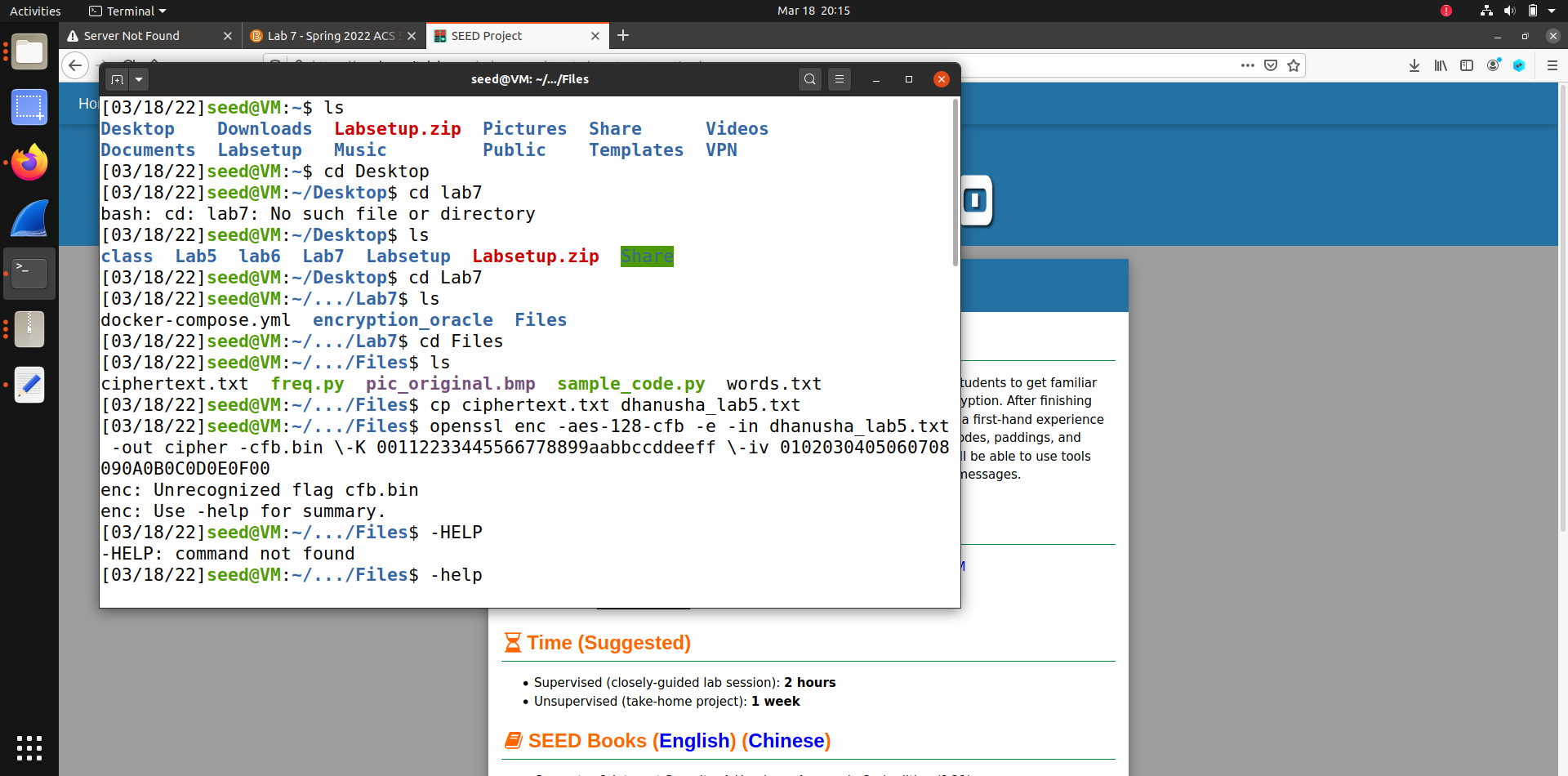
Text

Description automatically generated

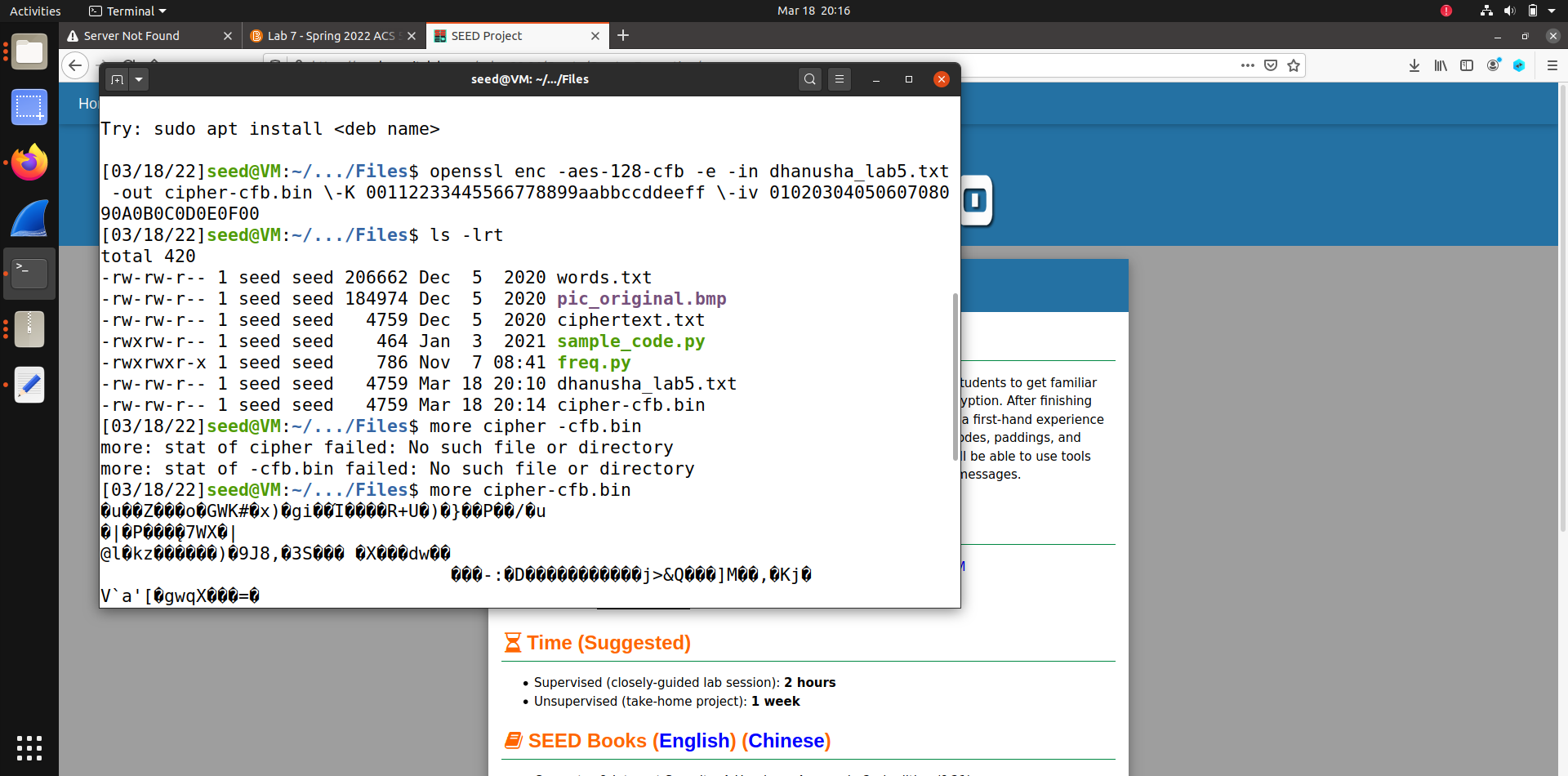
**TASK-2**

**So basically we will use different types of encryptions**

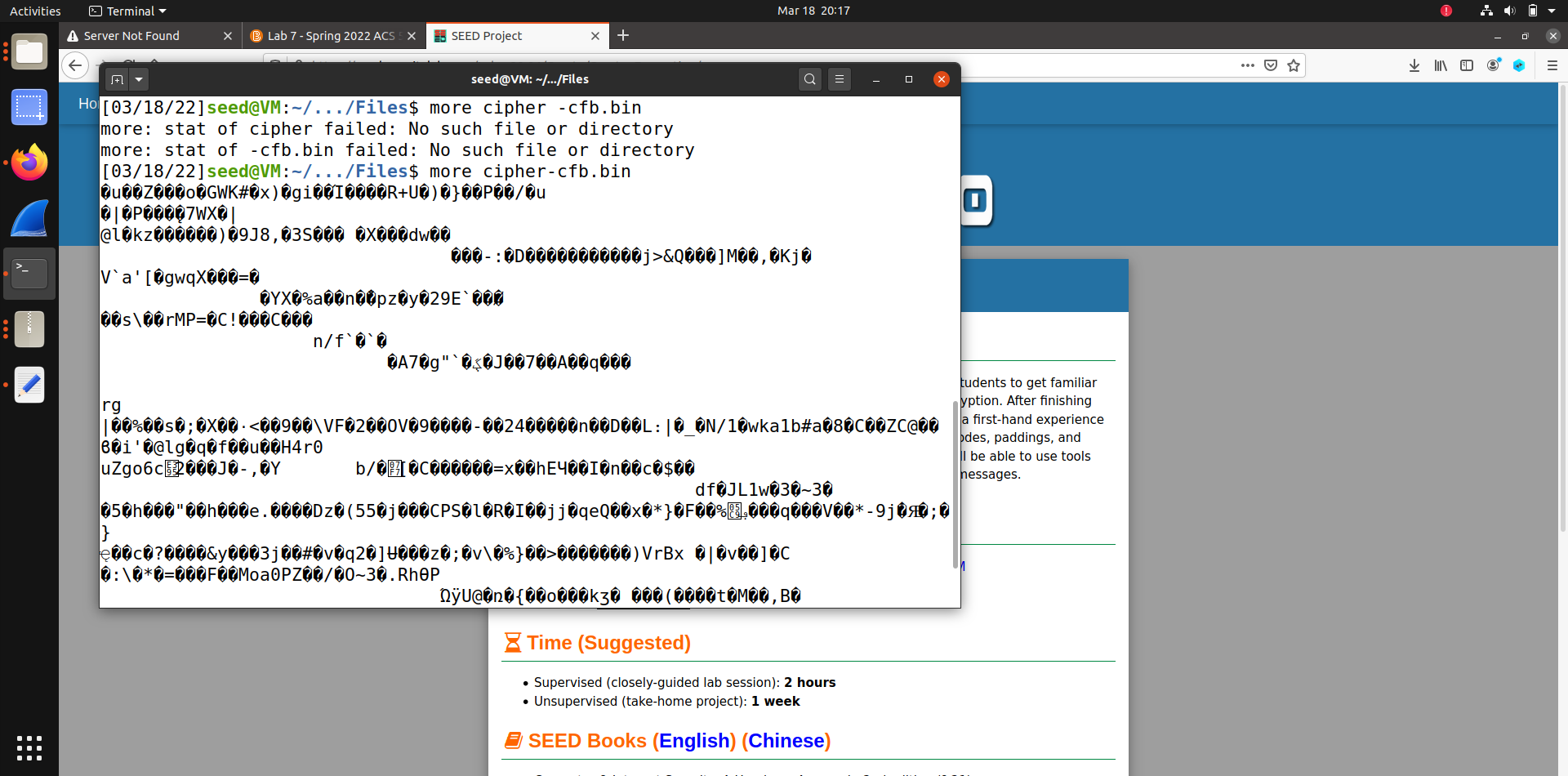
**1.CFB:-**



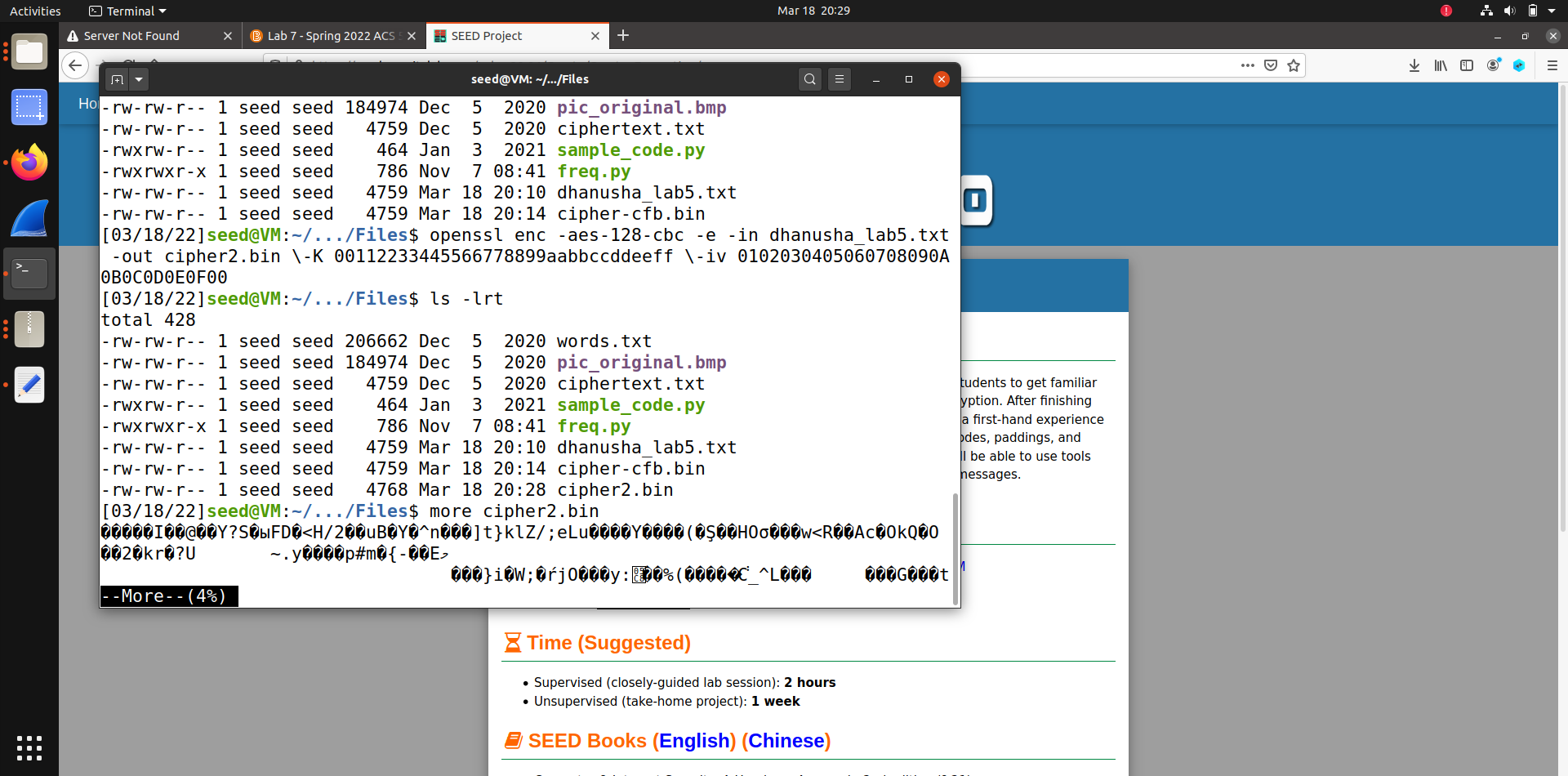






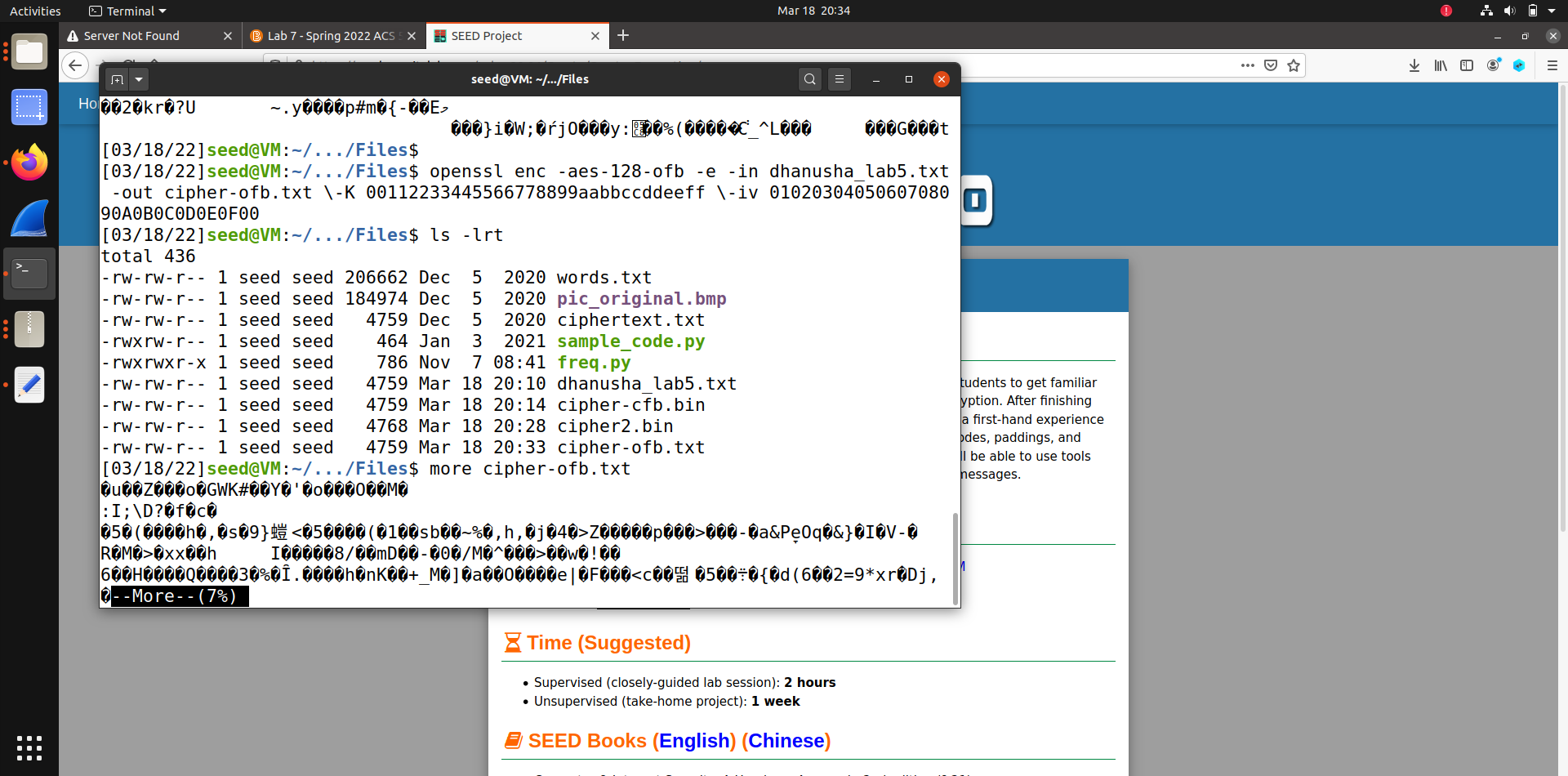


**2.Encryption with CBC-**



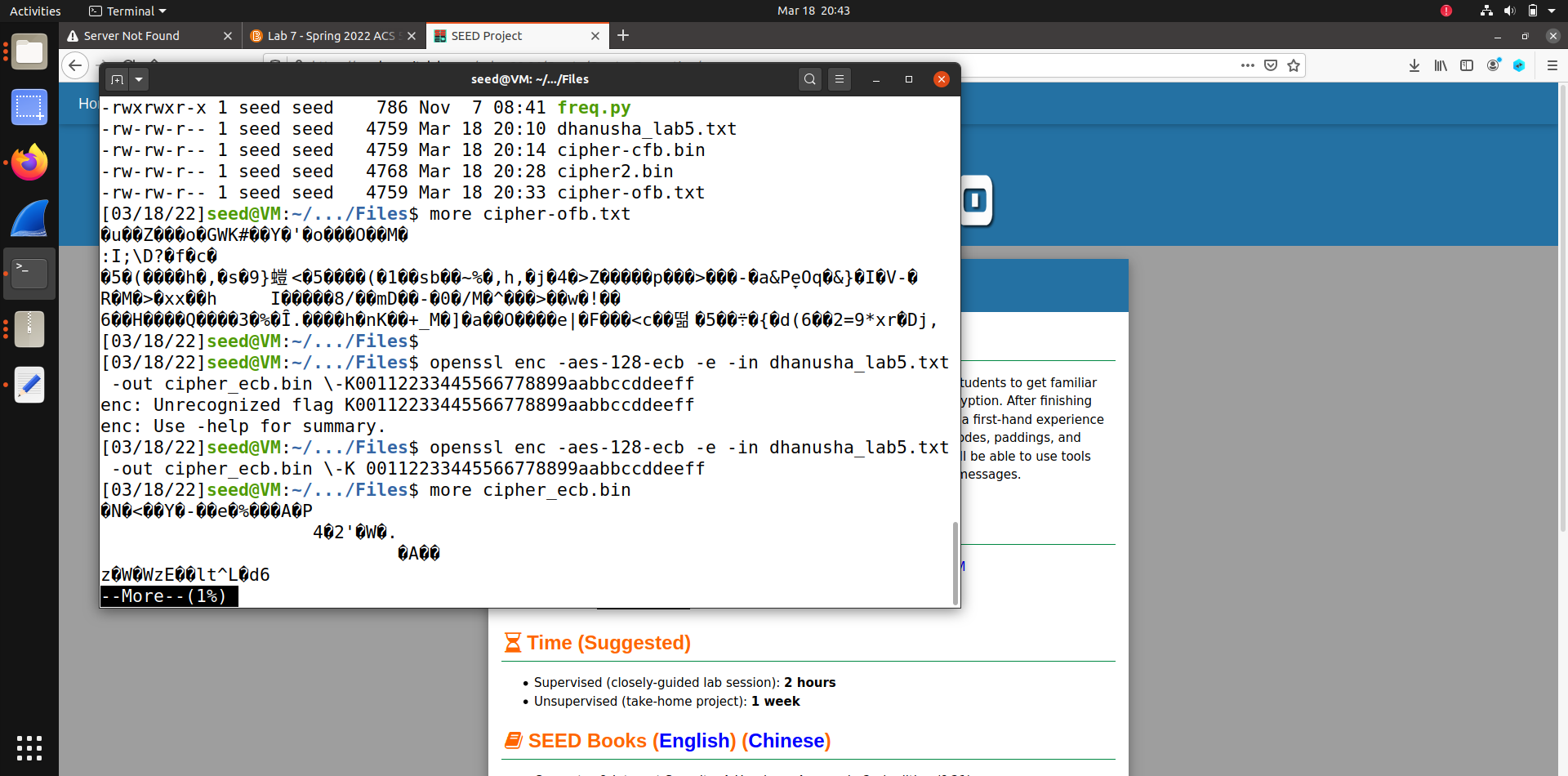


3**. Encryption using OFB-**



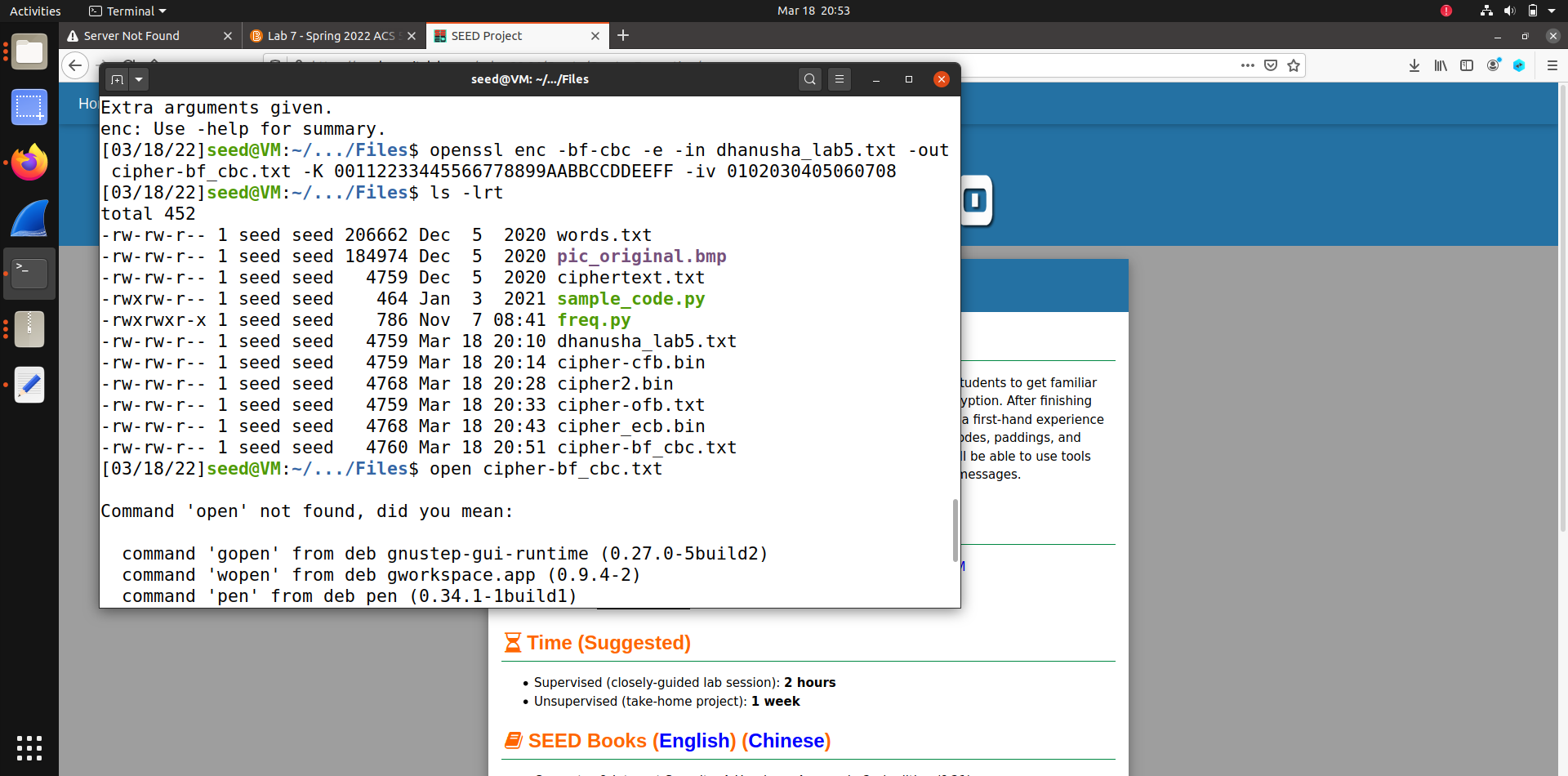


4. **Encryption using ECB-**

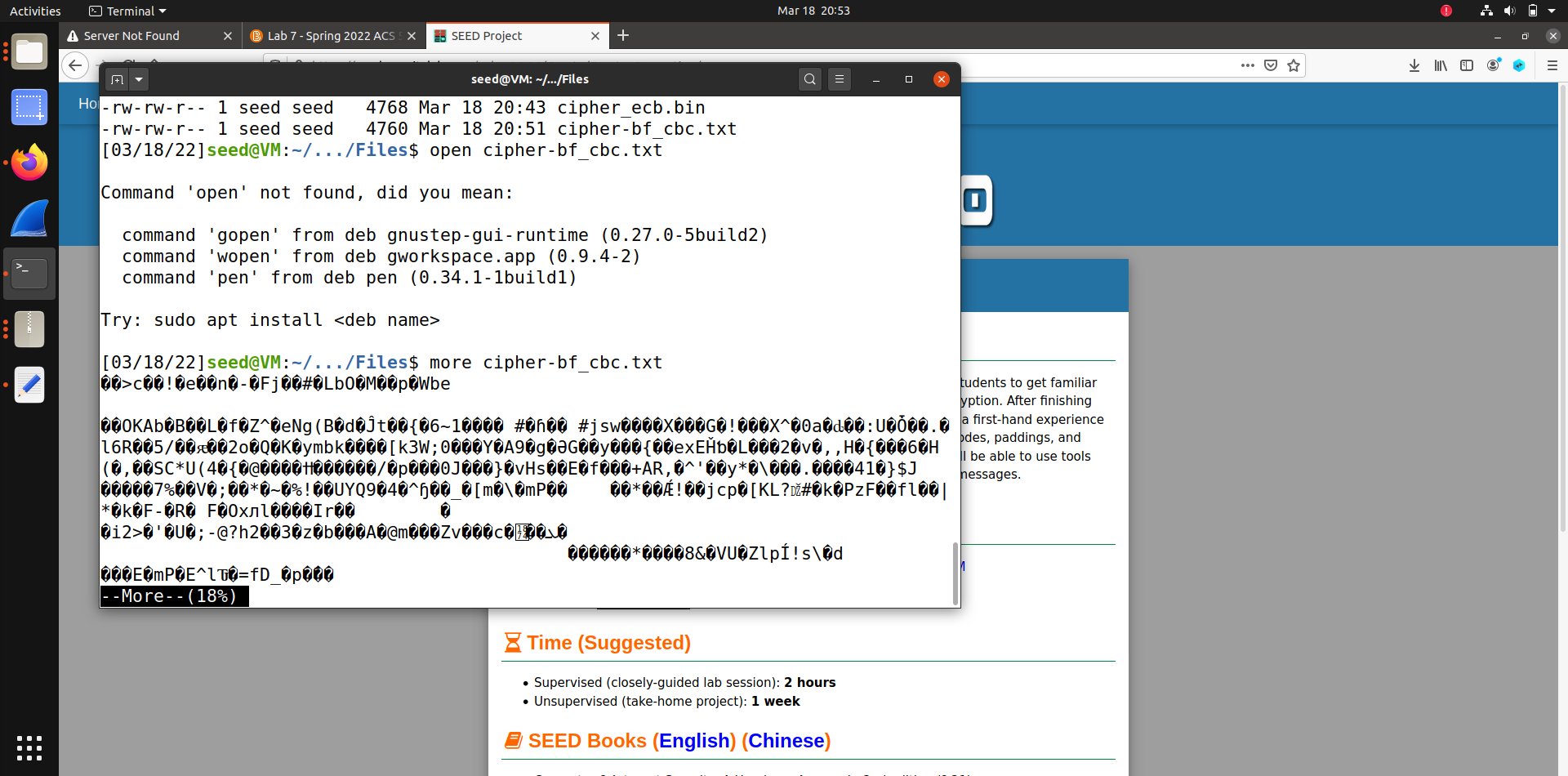




5.**Encryption with Blowfish-**



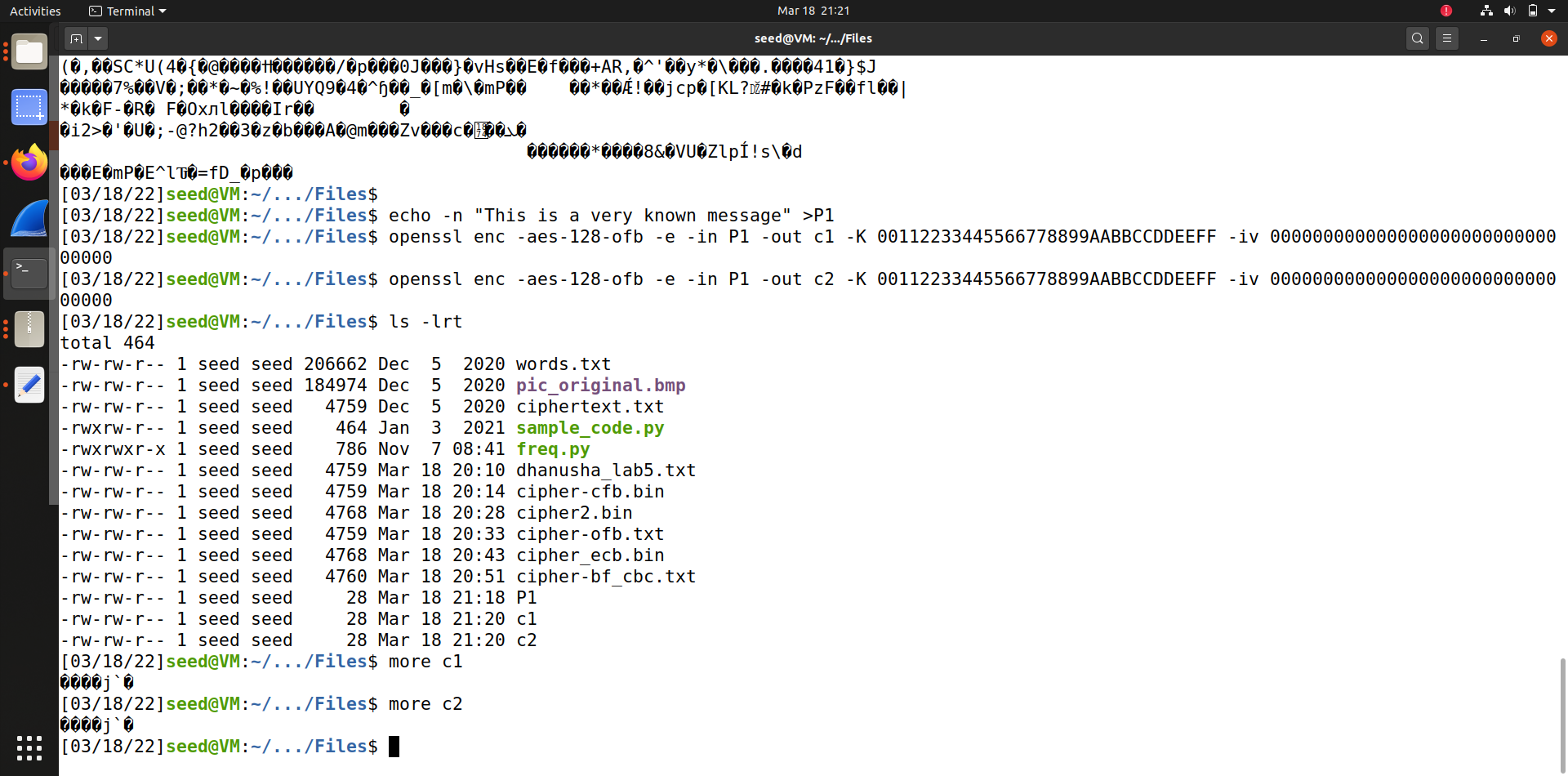






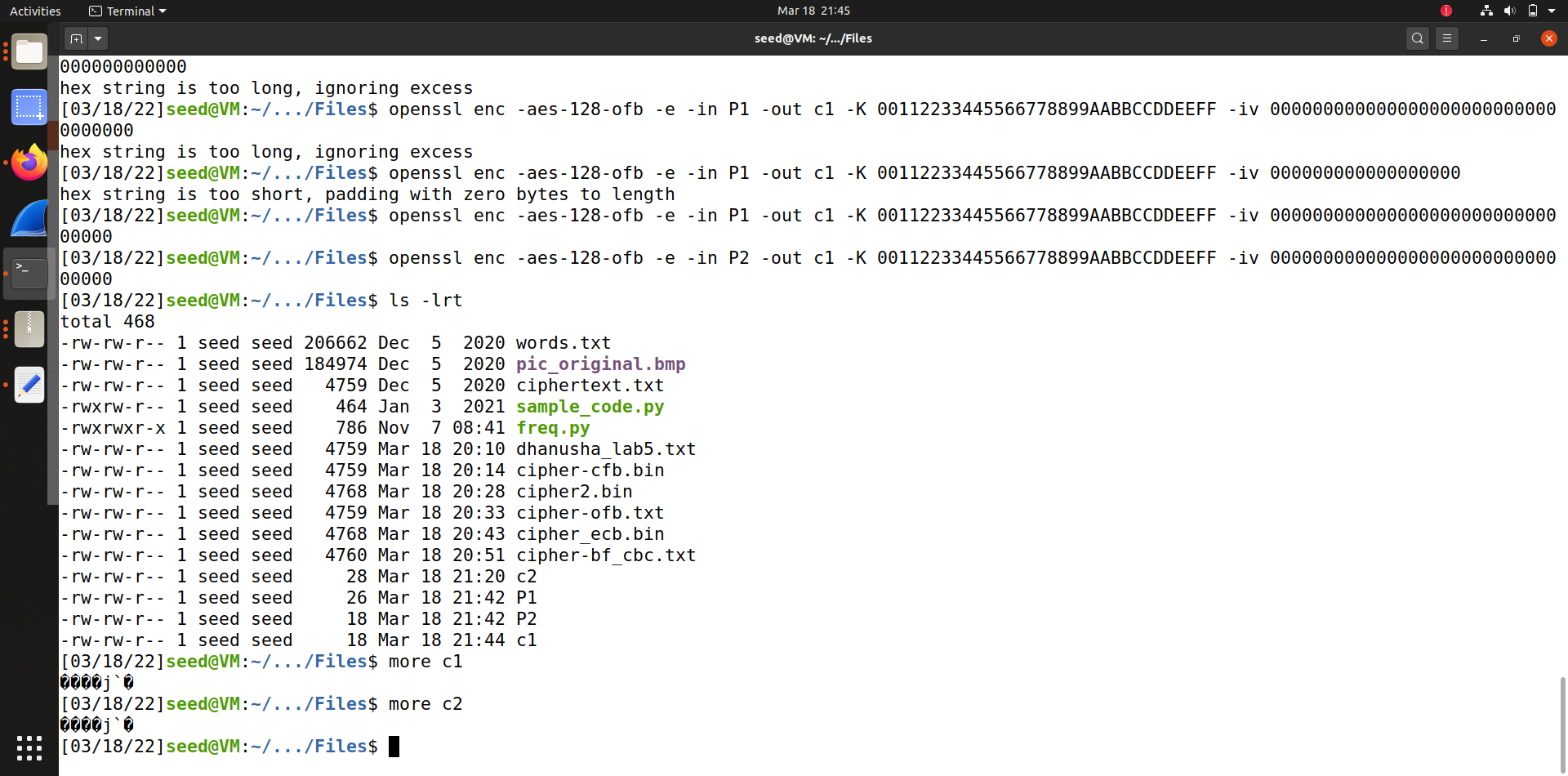
TASK-6

**6.1Two different IVs**



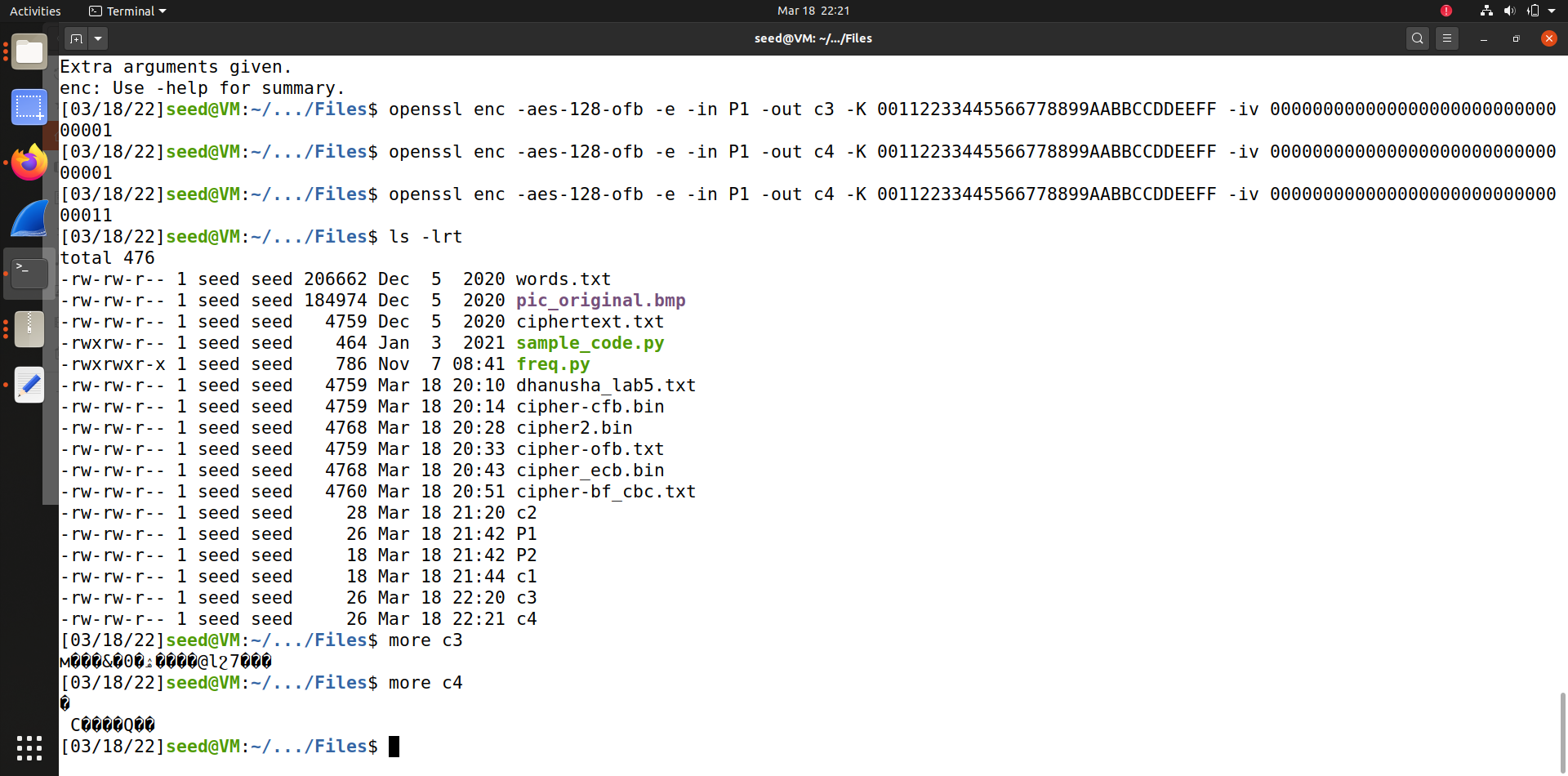


Using same IV on P1&P2





Now with different IVs





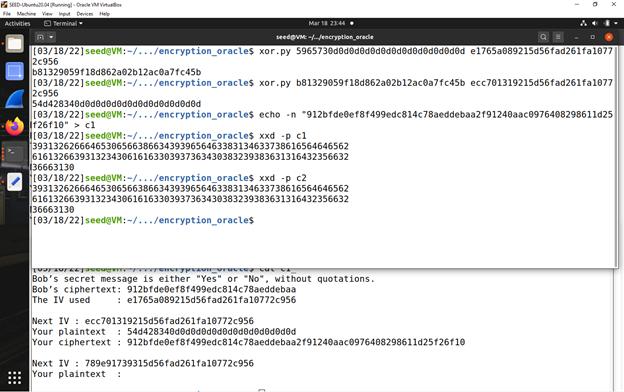
**Task 6.2-**

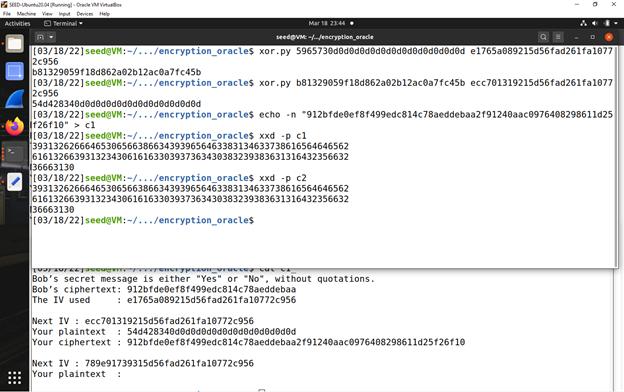
**So I used xor file which prof has given in brightspace**

Text

Description automatically generated

**Task 6.3**

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**Task 7-**

Graphical user interface, text

Description automatically generated

Text

Description automatically generated