**Lab 2: Applying Encryption and Hashing Algorithms for Secure Communications**

**By**

**Natnael Kebede**



**University of Dallas**

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This Paper Submitted in Partial Fulfillment of the Requirements for

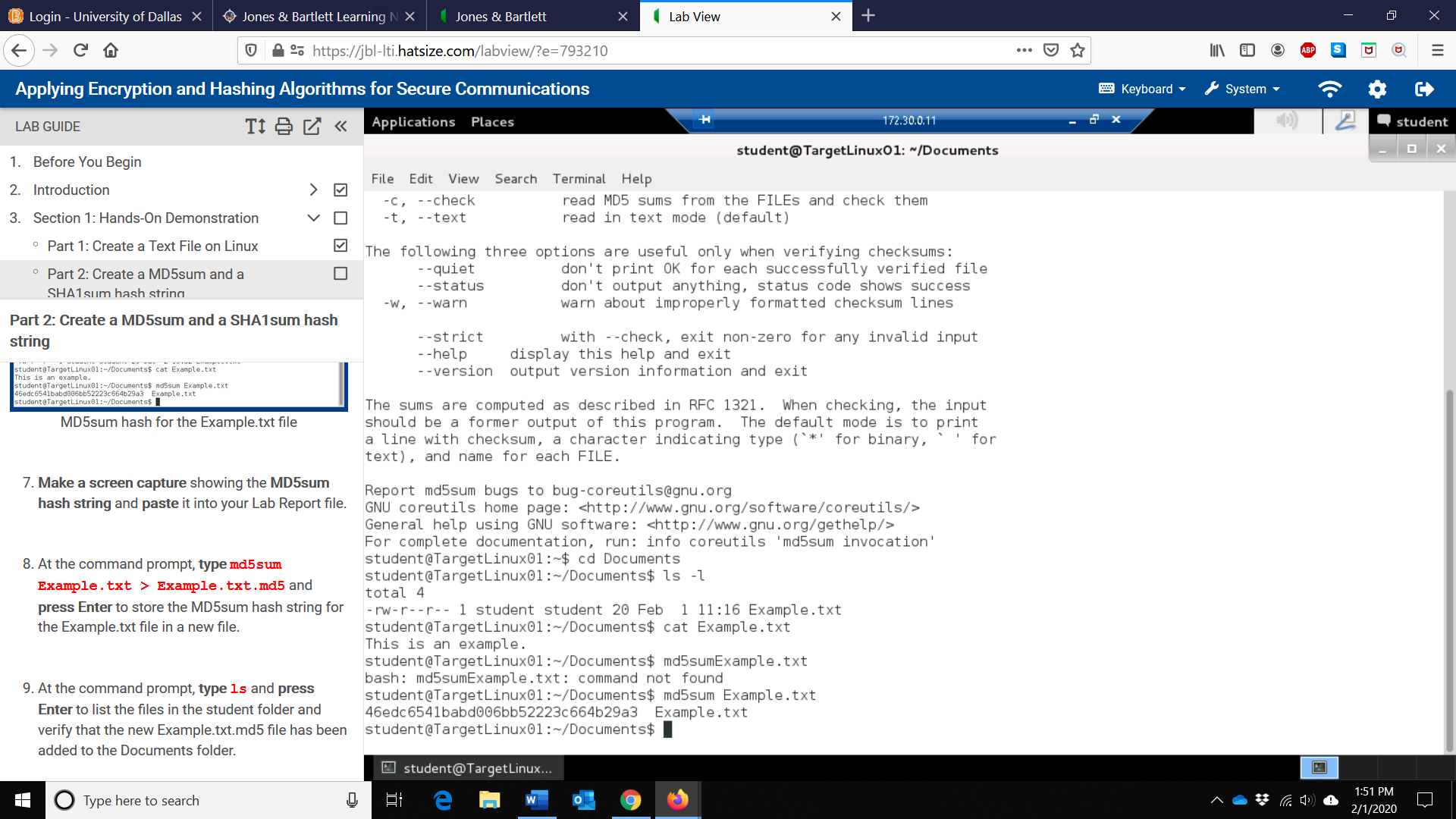
CYBS 7359 – Penetration Testing and Vulnerability Assessment

Spring 2020

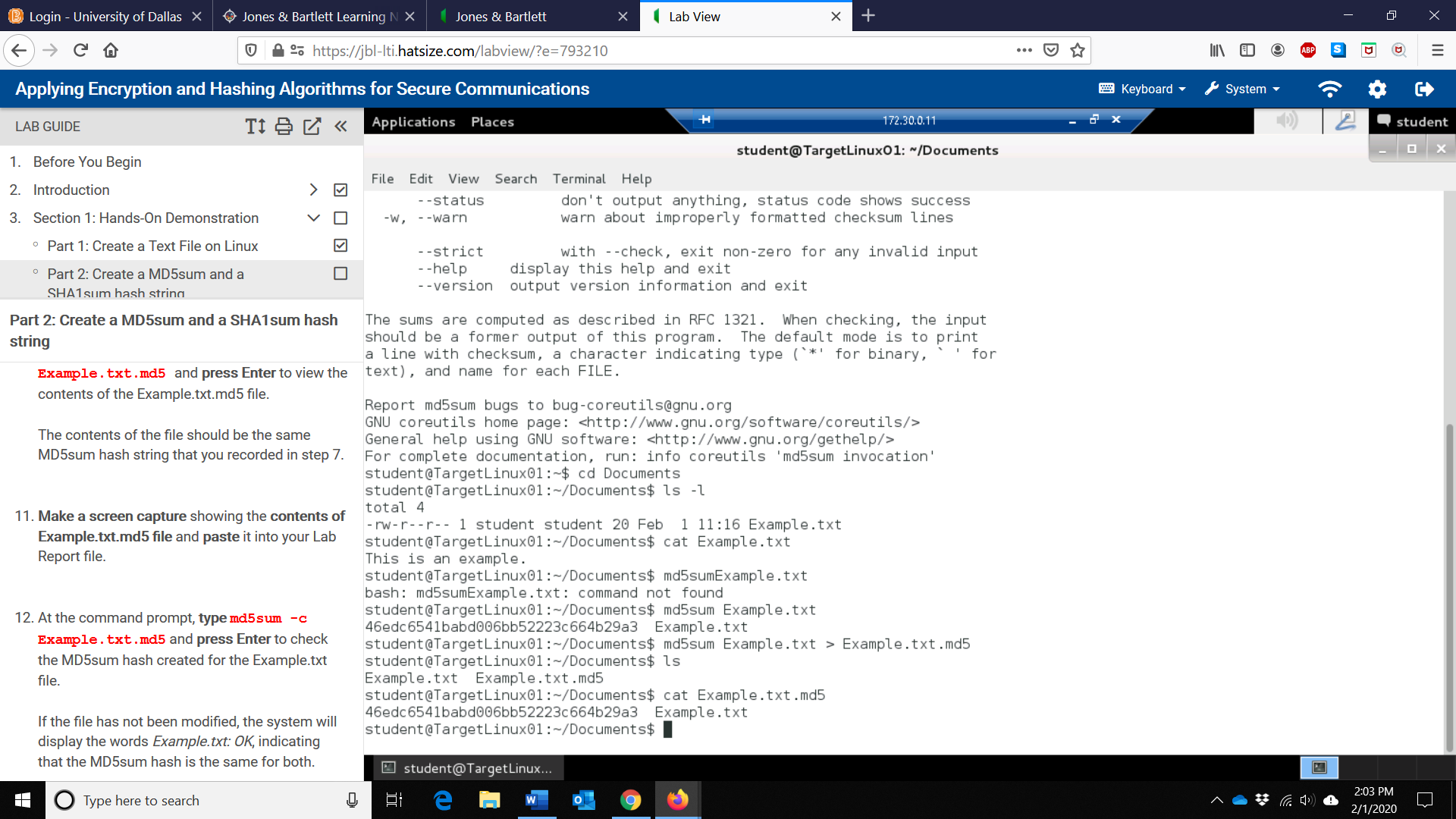
Presented to Dr. Renita Murimi

**Section 1**

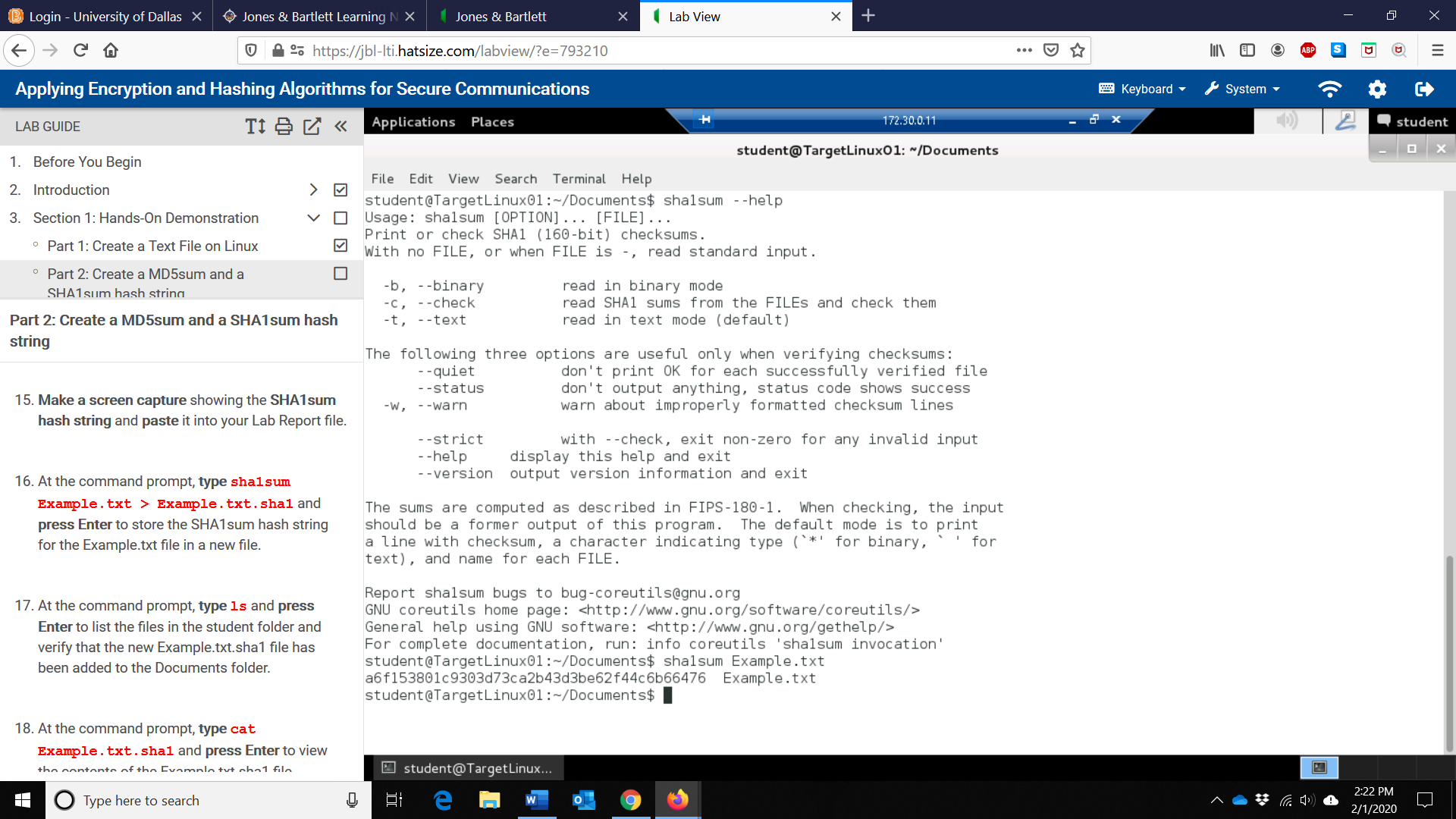
1. Make a screen capture showing the MD5sum hash string and paste it into your Lab Report file.



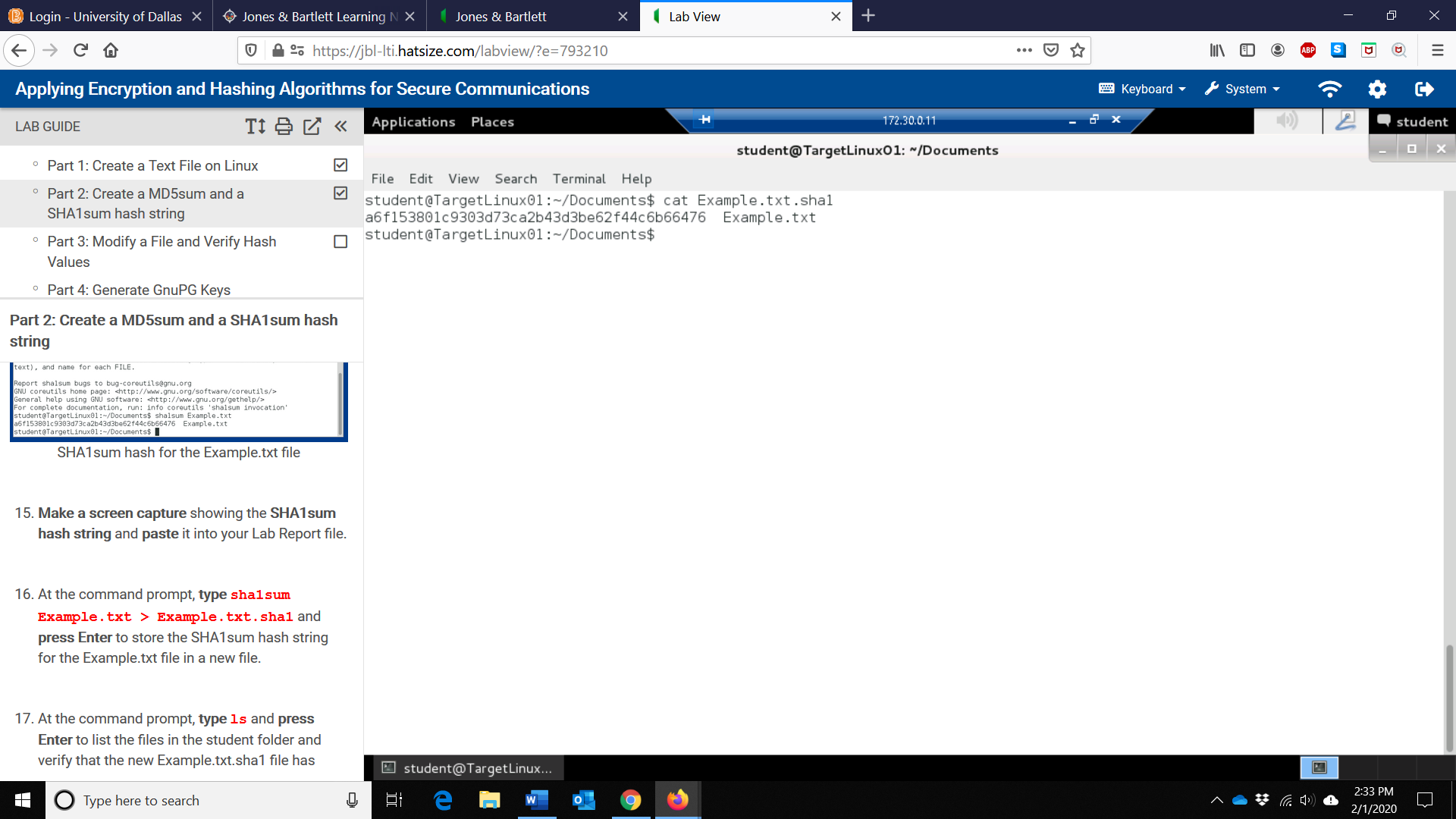
1. Make a screen capture showing the contents of Example.txt.md5 file and paste it into your Lab Report file.



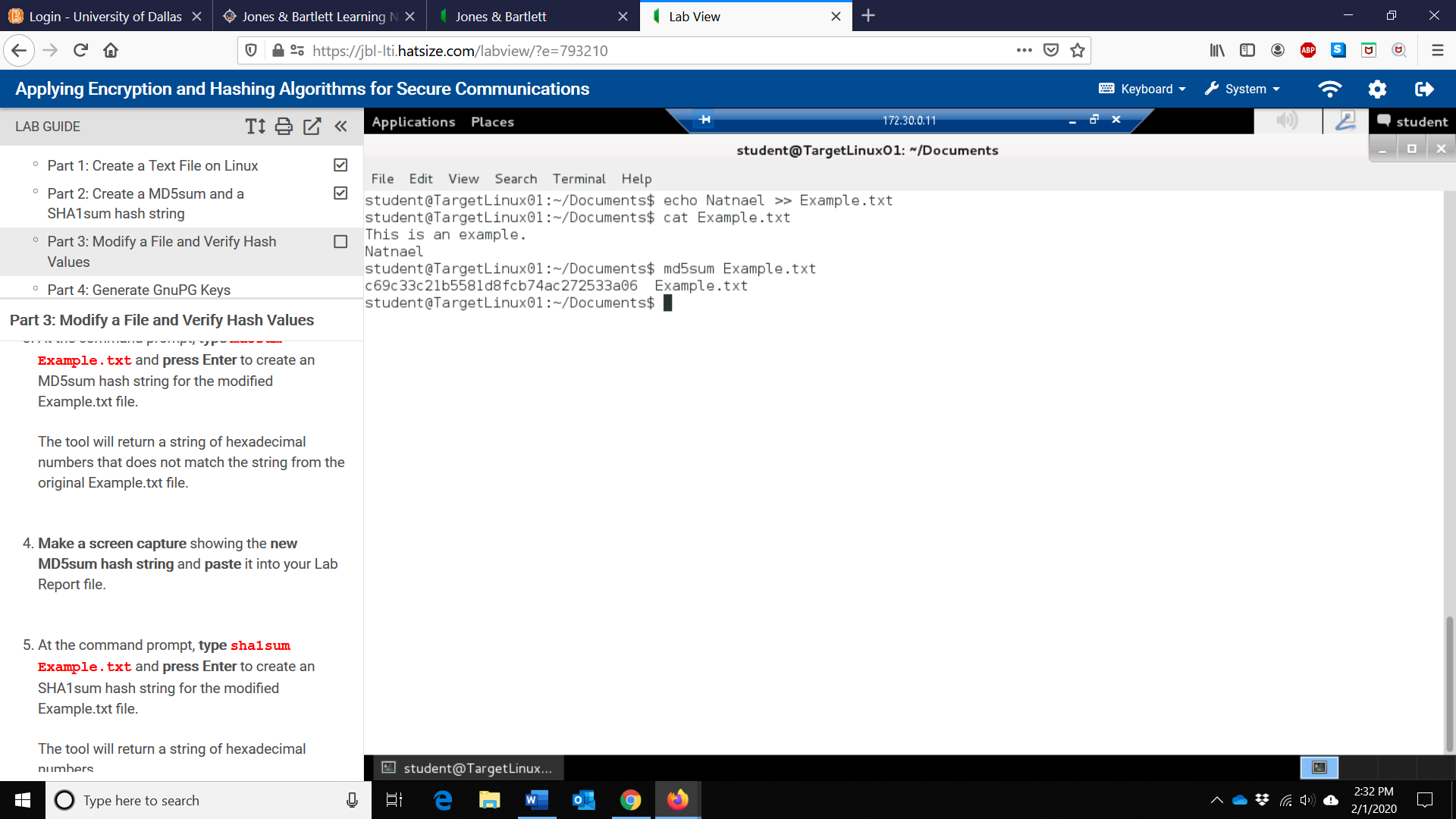
1. Make a screen capture showing the SHA1sum hash string and paste it into your Lab Report file.



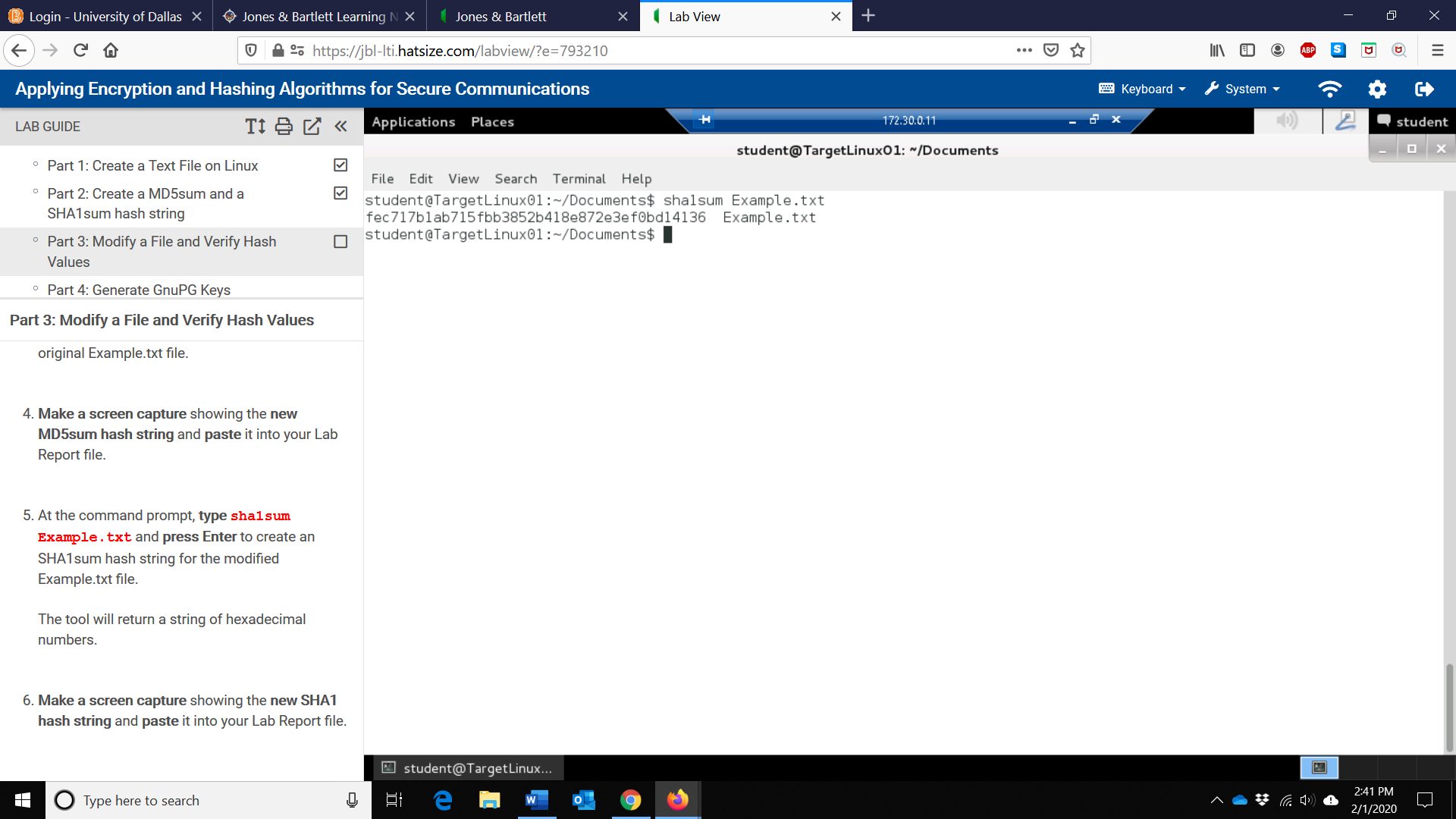
1. Make a screen capture showing the contents of Example.txt.sha1 file and paste it into your Lab Report file.



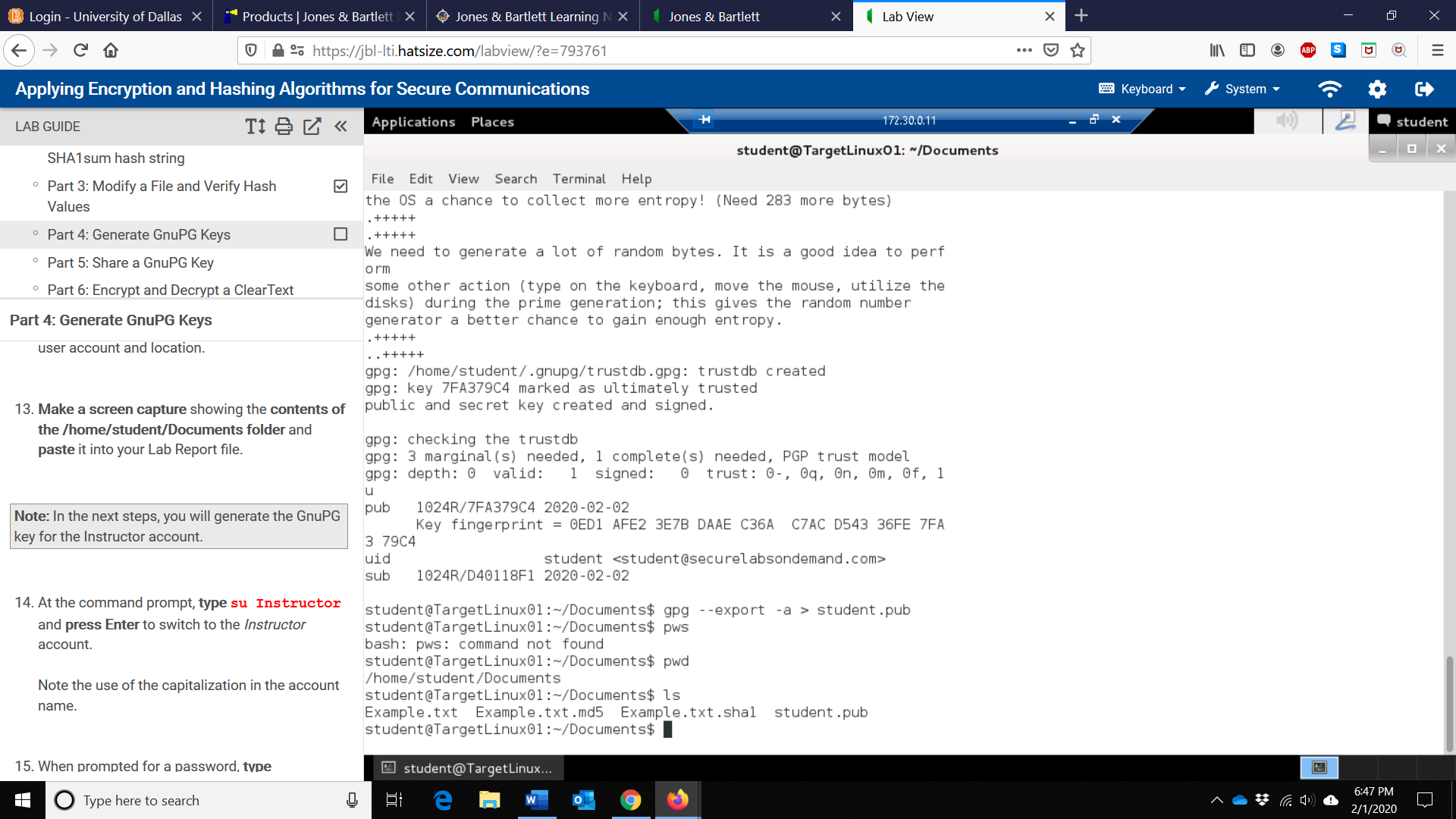
1. Make a screen capture showing the new MD5sum hash string and paste it into your Lab Report file.



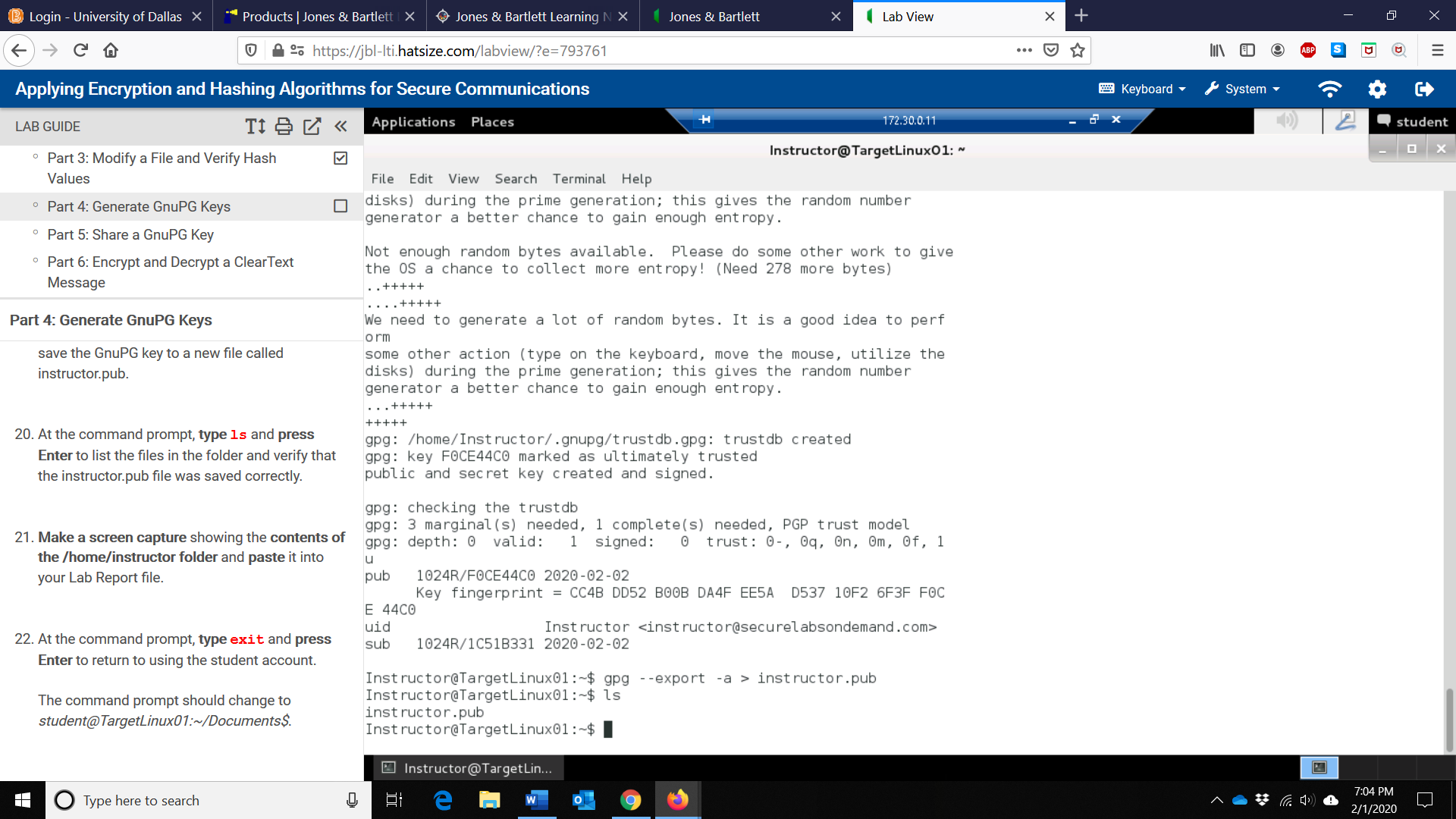
1. Make a screen capture showing the new SHA1sum hash string and paste it into your Lab Report file.



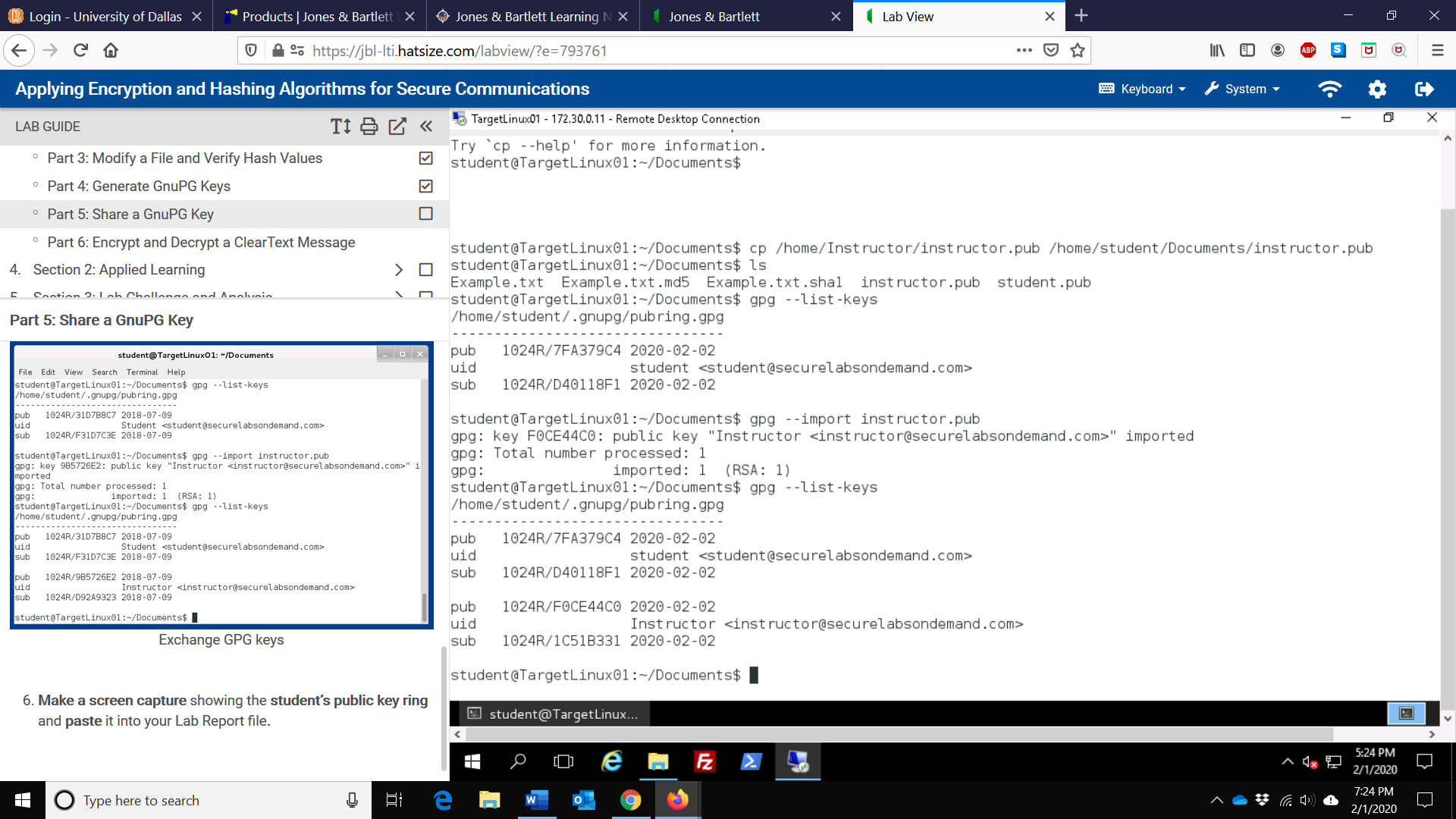
1. Make a screen capture showing the contents of the /home/student/Documents folder and paste it into your Lab Report file.



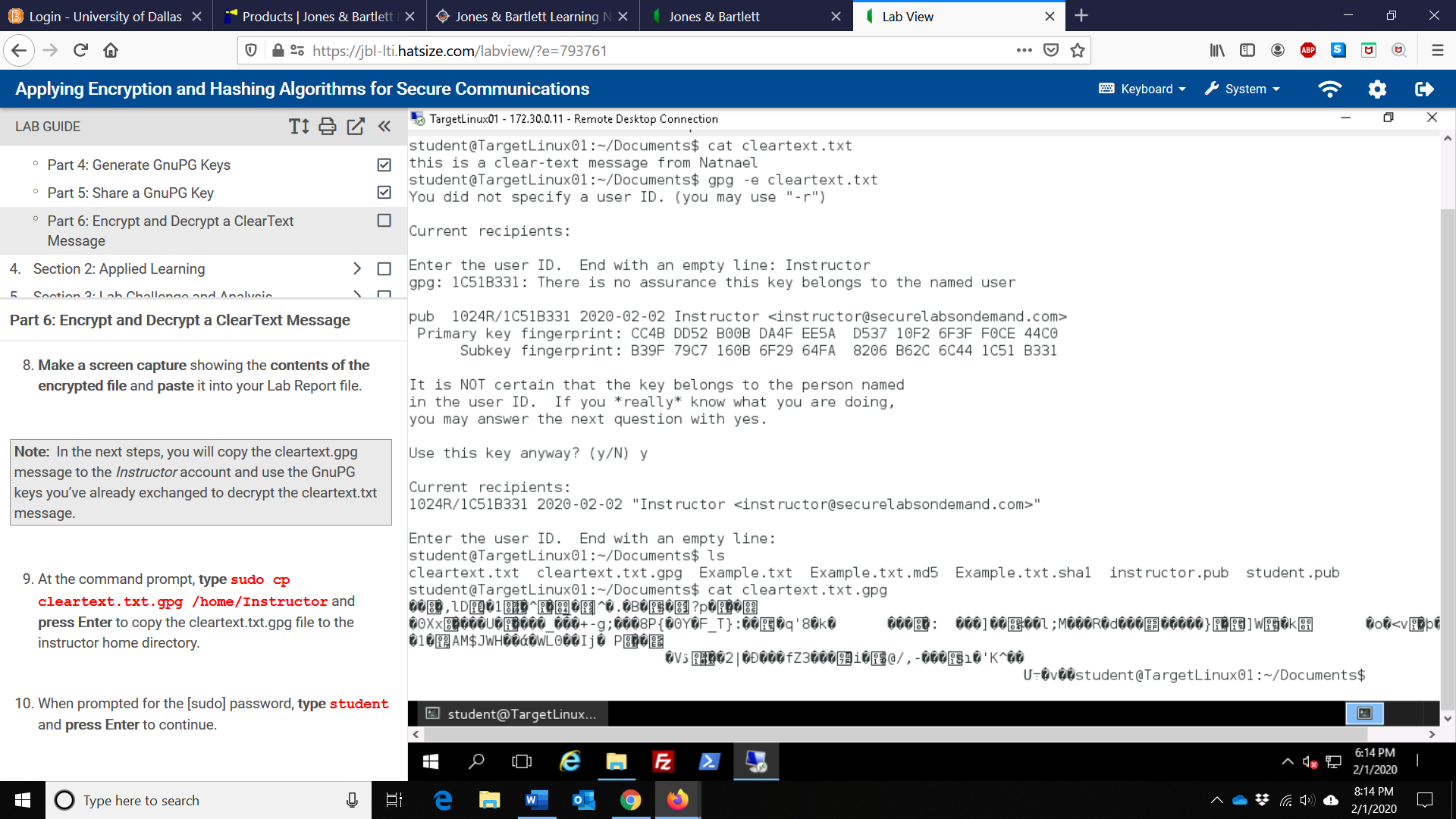
1. Make a screen capture showing the contents of the /home/instructor folder and paste it in your Lab Report file.



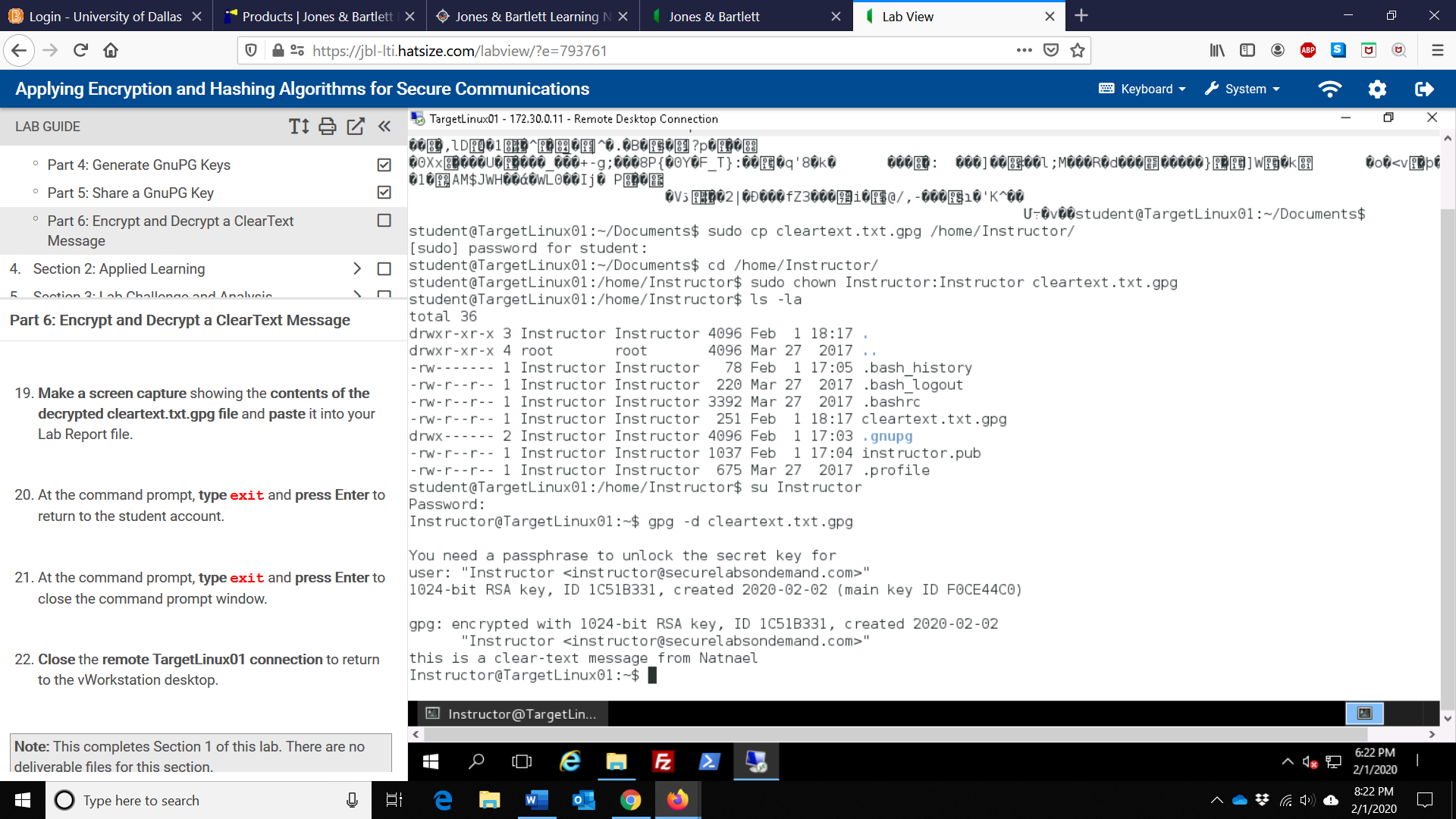
1. Make a screen capture showing the student’s public key ring and paste it into your Lab Report file.



1. Make a screen capture showing the contents of the encrypted file and paste it into your Lab Report file.

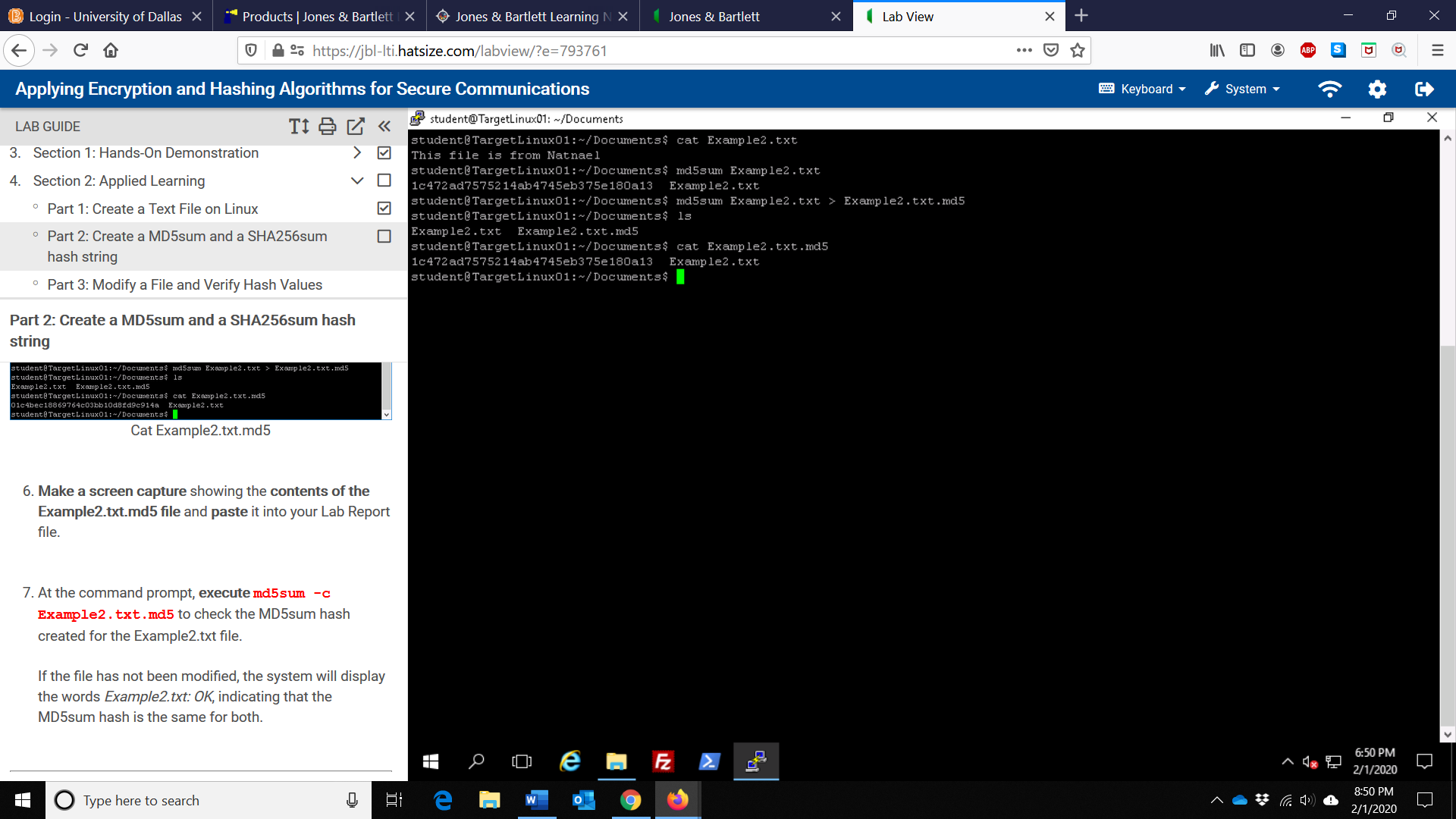


1. Make a screen capture showing the contents of the decrypted cleartext.txt.gpg file and paste it into your Lab Report file.

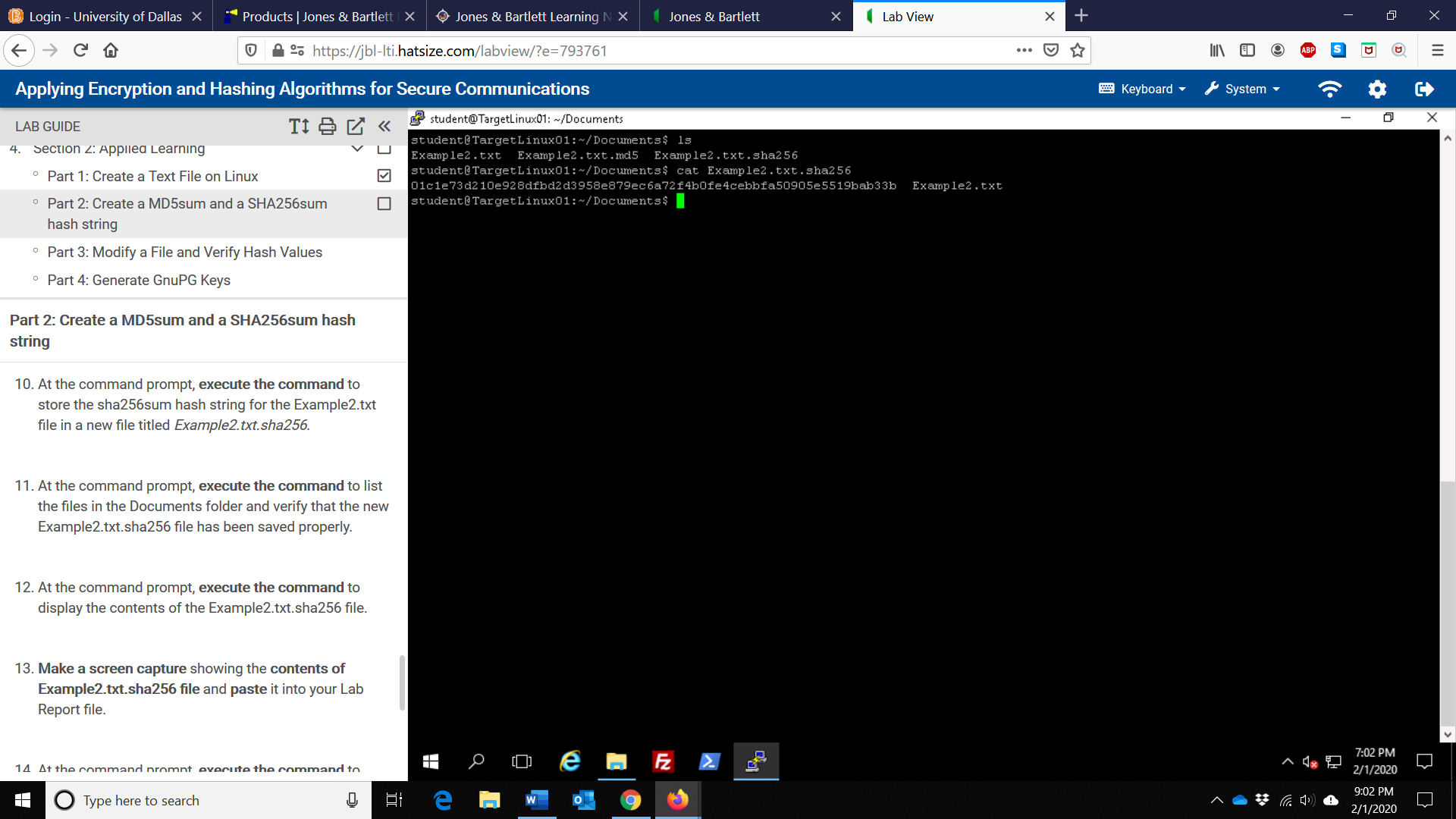


**Section 2**

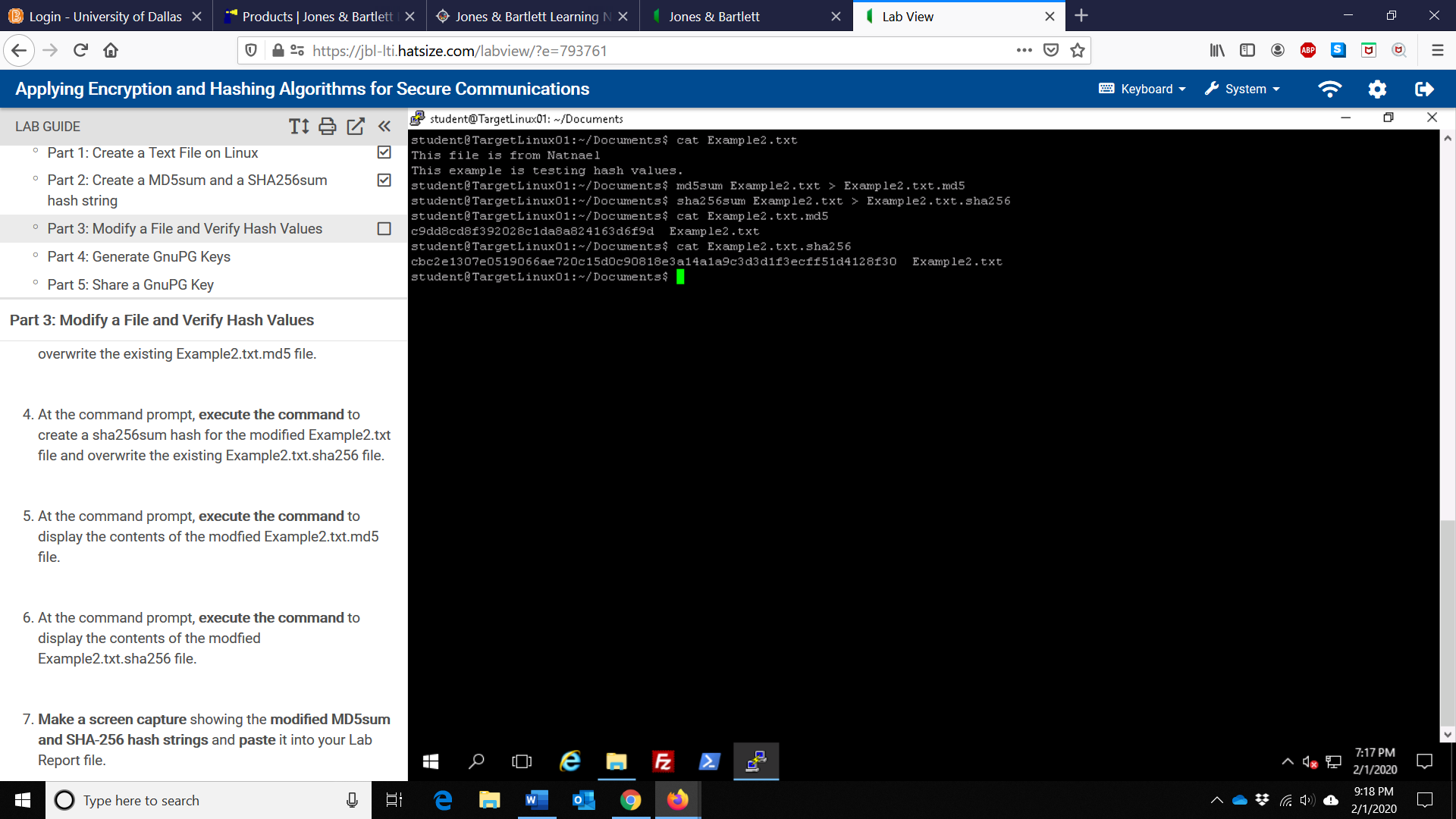
1. Make a screen capture showing the contents of the Example2.txt.md5 file



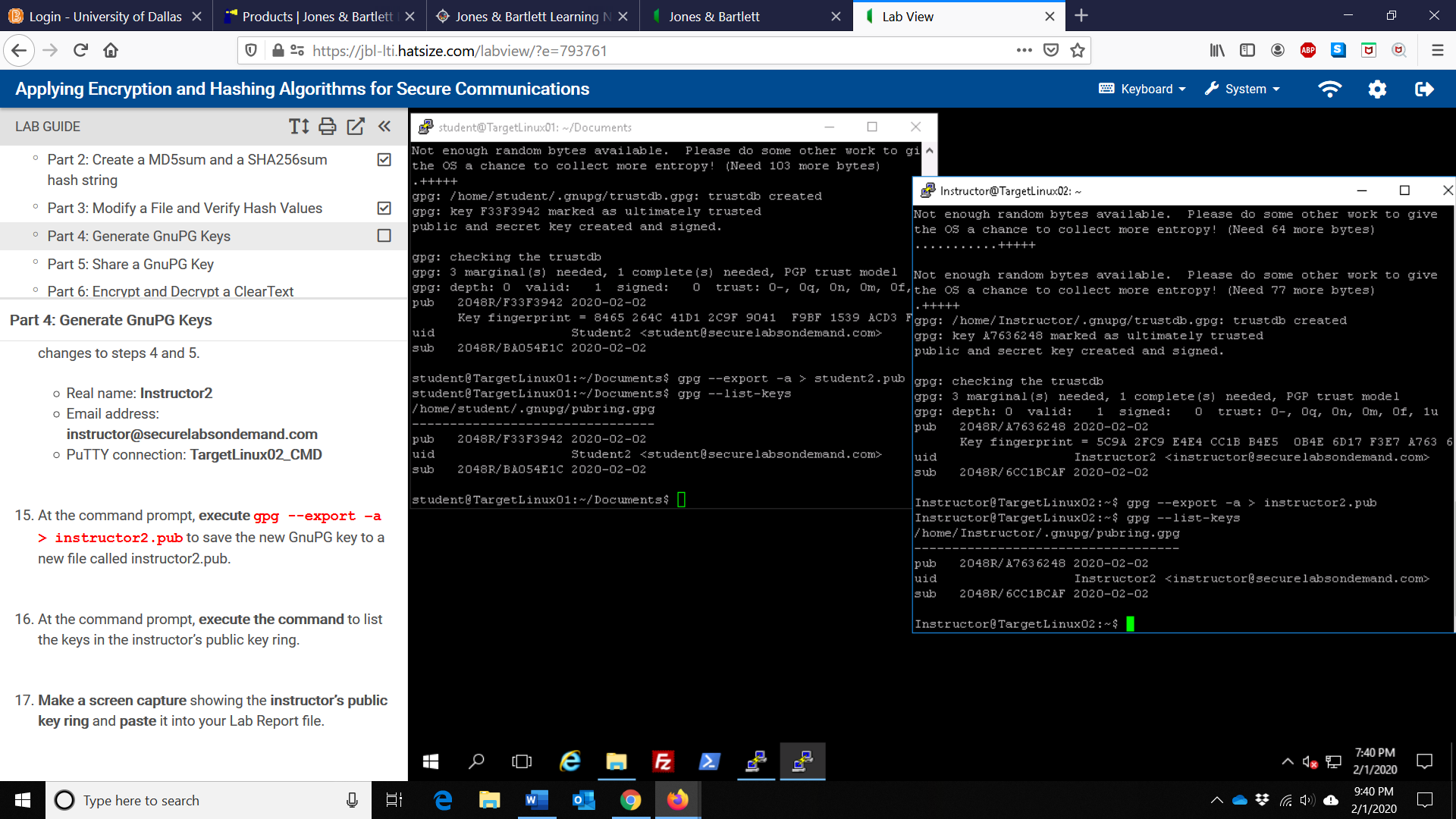
1. Make a screen capture showing the contents of Example2.txt.sha256 and paste it into your Lab Report file.



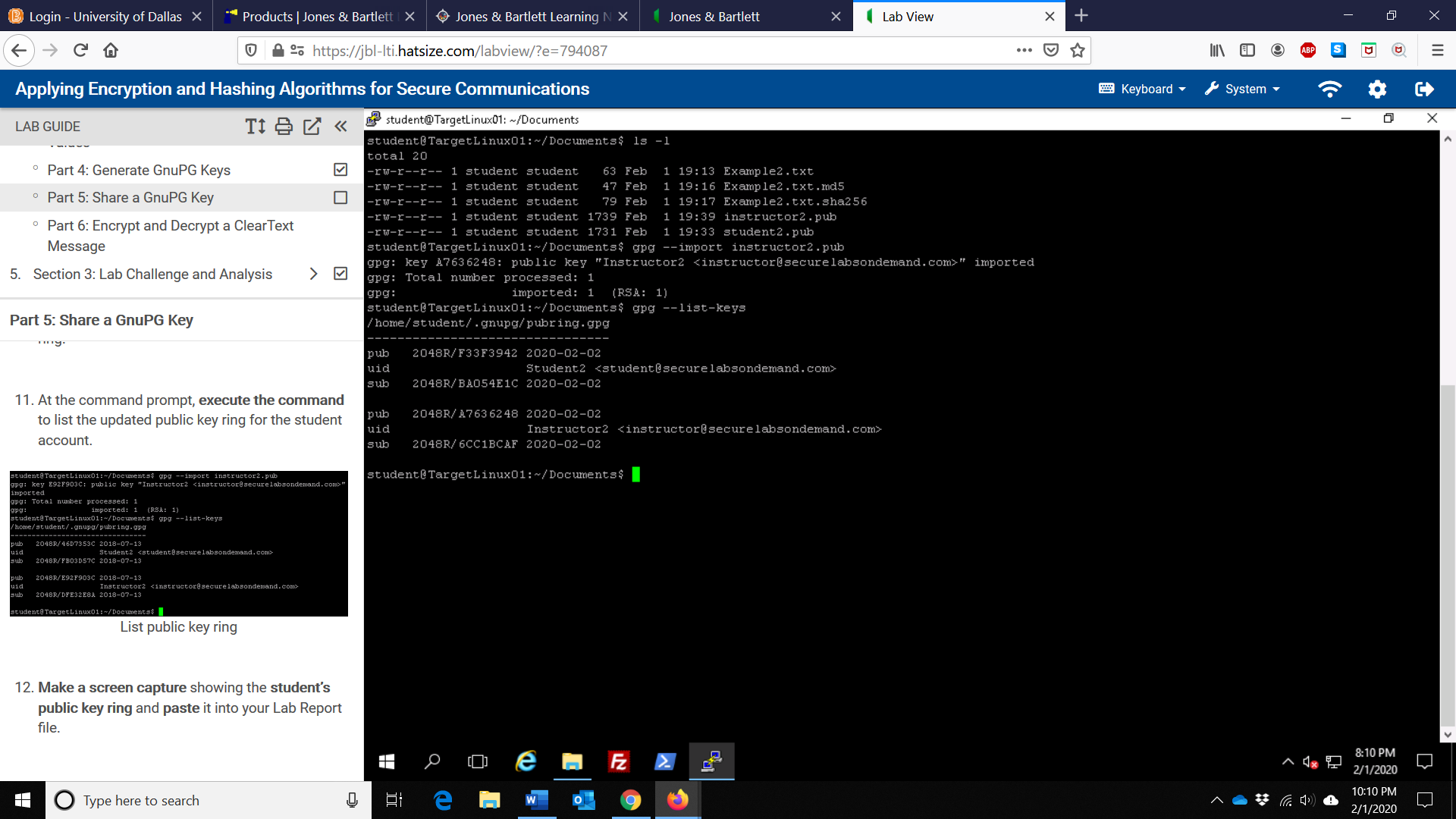
1. Make a screen capture showing the modified MD5sum and SHA-256 hash strings and paste it into your Lab Report file.



1. Make a screen capture showing the instructor’s public key ring and paste it into your Lab Report file.



1. Make a screen capture showing the student’s public key ring and paste it into your Lab Report file.



1. Make a screen capture showing the contents of the decrypted cleartext2.txt.gpg file and paste it into your Lab Report file.

