The same	N. I.	Parul® University	NAACOH
----------	-------	----------------------	--------

Pg. No.: ...38 Date :.....

Caryptography Practical * 1 Hashing : -> Hashing ensures date integrity by generating a fixed -size string chash of for any input.

Tools like md5sum, sha256sum, or openss! age commonly used. Crenegate an MD5 hash. echo "Hello, Panul Students" Imd5Sum 9508049ecefe74d 74400cf41bb0c1333 Generate a SHA-256 hash echo" Hello, Panul Students " 1 sha 2565um 11b fde f1655e72 96956ce936911c5c807f610e44200f2738b 9b 90 444ba 686177 -

Pg. No. : ...40 Date:

Step-3 See the plain text file and encrypted file:	
plain text file:	
\$cat plaintext. file this is my secret file. this is my secret.	
encrypted file:	
\$cat encrypted txt Salted _ NO · < b & ` o v & # o PO o) N o o	
Step-4 Decrypt a file using OpenSSL	
openssienc -d -aes-256-cbc -in encrypted tx	ţ
enten AES-256-CBC decryption password:	
Step - 5 See the encrypted file and decrypted file:	
encrypted file:	
\$ cat encrypted.txt Salted - +NO · < b & ` + V +# + PO +) N++ decrypted file:	
cat decrypted txt	
this is my secret file. this is my secret.	

Parul® University	NAAC OH
-------------------	---------

Pg. No.: 40 Date:

Step-3 See the plain text file and encrypted file:
encylypted tile:
The state of the s
plain text file:
\$cat plaintext. file
this is my secret file. this is my secret.
this is my secret.
Encrypted file:
The state of the s
Salted_ NO· <b #="")="" *="" +="" +<="" `="" n="" po="" th="" v="" {="">
Salted _ NO·· < b & ' + v & # + PO +) N & +
Step-4 Decrypt a file using OpenSSL
\$ openss enc -d -ges-256-cbc -in encounted by
topenssienc -d -aes-256-cbc -in encrypted.txt -out decrypted.txt.
The Transit
enter AES-256-CBC decryption password:
12395
Step - 5 See the encrypted file and
Step - 5 See the encrypted file and decrypted file:
8 resulted I:la:
scat encounted tyt
\$ cat encrypted.txt Salted - +NO · < b & ` + V +# + PO +) N++
decrypted file:
Cat decrypted txt
this is my secret.